





## Impossibly convienient & affordable diagnostic labs

## DIRECTORY OF SERVICES

20 24 Welcome to Evexia Diagnostics! The word Evexia means "wellness" in Greek. With wellness as our guiding principle, we've developed the tools that functional and integrative practitioners need to ensure the wellness of their clients.

Evexia is a laboratory service provider offering thousands of conventional and specialty tests at deep discounts. We also have a professional, GMP-certified, nutraceutical line, as well as a host of practice management solutions designed to support the functional and integrative medicine provider.

Whether you are just beginning to build a practice or continuing to foster the growth of an existing one, our carefully curated suite of services and value-added features are designed to work cohesively and help make your practice successful and sustainable. Please keep in mind that this directory of services only provides a glimpse of what is available through Evexia Diagnostics and is by no means the full extent of our test offerings.

We are passionate about bringing the benefits of functional and integrative medicine to the forefront of healthcare and are focused on providing you with the solutions and guidance you need to have a thriving practice.

We pride ourselves on delivering exceptional service and an intuitive platform to help you help your patients. Our clients are the most valuable part of our business, and we work relentlessly to ensure your complete satisfaction.

We are excited to show you all the ways Evexia can benefit you and you practice, and look forward to continued partnership with you!

Your Evexia Team



Dr. Kevin K. Bodling President & Chief Executive Office



Zac Watkins Vice President & Chief Experience Officer



Dr. Wayne Sodano Director of Clinical Support & Education



Gina Guilbeault Executive Vice President & Chief Operating Officer



Dr. Will O. Blankenship Chief Medical Officer



Christopher Chu Director of Marketing



Ryan Obermeier Vice President & Chief Commercial Officer



Carolyn Kaufman Controller & Human Resources Director



Brendan Froehlich Director of Logistics



Allyn Pon Vice President & Chief Product Officer



Danielle Miller Director of Operations



Brian Dubyak Executive Director Practice Management Solutions



Frank Hunt Vice President & Chief Technology Officer



Joanne Iverson Director of Client Relations





#### Table of Contents

- 4 The Evexia Philosophy™
- 5 EvexiaLink™
- 6 Functional Health Reports™
- 7 Mobile Phlebotomy Services
- 8 Metabolic Code
- 10 Conventional vs. Specialty Testing
- 12 Conventional Diagnostic Testing
- 14 Custom Program in a Box
- 15 COVID-19 Testing
- 16 DUTCH Complete Testing
- 18 YorkTest Premium Food Sensitivity Testing
- 20 Heavy Metal Testing
- 22 3X4 Genetic Testing
- 24 Environmental Pollutant Profile
- 26 15 Mold IgE Profile
- 28 Resist your DNA Panel
- 30 GI360<sup>™</sup> Stool Profiles, multiplex PCR
- 32 DNA Methylation (Whole blood profile)

- 34 GI-MAP DNA Stool Analysis Kits
- 36 Salivary Hormone Testing
- 38 Neurotransmitter Testing
- 40 Drug Screening Kits
- 42 Organic Acids and Nutritional Testing
- 44 Metabolomix+ Nutritional Assessment
- 46 NutrEval FMV Testing
- 48 Small Intestinal Bacterial Overgrowth (Breath Test)
- 50 Wholesale In-Office Rapid Testing

#### Evexia Nutraceuticals\*\*

#### **Practice Management Solutions**

- 56 Evexia Business Solutions™
- 57 Evexia University™
- 58 Evexia Marketing Solutions™
- 59 EMR and EHR Integration

The tests in our directory are only a select few highlights, for our complete menu-please visit www.EvexiaDiagnostics.com







#### All the Labs You Need On One Incredibly Convenient Platform

Evexia consolidates dozens of laboratories into a single resource for all your diagnostic testing needs. By partnering with a multitude of the most widely relied upon, independent laboratories, Evexia empowers practitioners with over 6,000 conventional and specialty tests.

#### Insurance, Begone!

For practitioners seeking a departure from the often-cumbersome insurance model, Evexia offers cash pricing without the red tape. This allows you to make decisions for your own practice, relying on your judgment and expertise. Patients who pay cash for labs can save up to 90% of what they would pay through conventional billing.

#### Simple Test Ordering for Non-Licensed Practitioners

Evexia gives health coaches, nutritionists, and other non-licensed clinicians a simple and streamlined process for ordering both specialty and conventional testing from world-class lab partners

#### Enlighten Patients with the Functional Health Report<sup>™</sup>

Our Functional Health Report can help providers and their clients with actionable insights into their lab test reports. Patients can enjoy a detailed understanding of their lab results, for better care and sustained wellbeing

- Credible, evidence-based analysis for you and your patients (Practitioner & Patient versions)
- Peer-reviewed "optimal ranges" along with the standard reference ranges
- Personalized Health Improvement Plan
- Recommendations using the nutraceutical line of your choice
- Background details about each lab element tested
- Functional Index Report showing the 20 Indices of Functional Health
- Blood Test History Report providing a comparison of the last 7 blood tests side by side
- Recommended Further Testing





#### Integrative Care Cycle and Evexia

Evexia consolidates dozens of laboratories into a single resource for all your diagnostic testing needs. By partnering with a multitude of the most widely relied upon, independent laboratories, Evexia empowers practitioners with over 6,000 conventional and specialty tests.

- Background details about each lab element tested
- Functional Index Report showing the 20 Indices of Functional Health
- Blood Test History Report providing a comparison of the last 7 blood tests side by side
- Recommended Further Testing

\* Free with Evexia Nutraceutical recommenations, \$5 for each report with other nutraceutical lines.



## The EvexiaLite vs. EvexiaComplete

There are two ways to access Evexia services and EvexiaLink, our powerful ordering platform.



- Unbeatable pricing on Diagnostic Testing
- Access to over 6000 Conventional and Specialty tests
- EvexiaDirect -patients pay directly for orders you assign.
- Client bill you pay Evexia and then set your own patient pricing
- Access to our Custom Panel Creator
- EMR/EHR Integration
- Access to thousands of Patient Service Centers
- Extended client support hours
  8 am 8 pm, 5 days a week.
  Email support for urgent matters on weekends and holidays.



- Unbeatable pricing on Diagnostic Testing
- Access to over 6000 Conventional and Specialty tests
- EvexiaDirect patients pay directly for orders you assign.
- Client bill you pay Evexia and then set your own patient pricing
- Access to our Custom Panel Creator
- EMR/EHR Integration
- Access to thousands of Patient Service Centers
- Extended client support hours
  8 am 8 pm, 5 days a week.
  Email support for urgent matters on weekends and holidays.
- Free Functional Health Reports
- Free Ask the Doctor Interpretive Consultations
- Free Customized Marketing Support Materials

#### Only \$50 a Year

that's less than \$5 a month!



## EvexiaDirect<sup>™</sup>





## Some Benefits of EvexiaDirect:

Remove yourself from the headaches and hassles associated with patient billing.

Free up cash flow by removing your credit cards from the process of laboratory testing.

Increase the efficiency of your practice and save time by reducing the number of administrative tasks associated with laboratory testing.

All test kits and nutraceuticals are shipped to your patients in one box. Simplify your practice with EvexiaDirect. Order laboratory testing and Evexia Nutraceuticals and have your patients pay directly with EvexiaDirect<sup>™</sup>.



#### No cost to enroll and signing up is easy.

Complete an enrollment form with basic account information and agree to the terms and conditions. Your patients will receive wholesale prices plus a 5% program fee.

7



## Functional Health Report™

Blood Test Result	s Report					Ž
The Blood Test Results Report lis an individual element is outside the order in which they appear o	of the optimal r	ange and/or o				
Above Optimal Range	Ŷ	Above Standard Range 5 Current 9 Previous		Range	Alarm Hi 2 Darrent 24	
Below Optimal Range 9 Current 11 Previous	$\downarrow$	Below Sta 1 Current 0 Pr	indard <sup>revious</sup>	Range	Alarm Lo 0 Current 01	
Element	Current Mar 11 2020	Previous Jan 20 2021	Impr	Optimal Range	Standard Range	Units
Glucose	90.00	95.00	<u>^ 7</u>	72.00 - 90.00	65.00 - 99.00	ma/dL
Hemoglobin A1C	5.20	5.80		4.00 - 5.40	0.00 - 5.60	%
BUN	16.00	13.00		10.00 - 16.00	7.00 - 25.00	mg/dL
Creatinine	0.75	0.73	- 🖸	0.80 - 1.10	0.40 - 1.35	mg/dL
BUN/Creatinine Ratio	21.33	17.80	1	10.00 - 16.00	6.00 - 22.00	Ratio
eGFR Non-Afr. American	80.00	83.00		60.00 - 128.00	60.00 - 128.00	/min/1.73
eGFR African American	93.00	96.00		60.00 - 128.00	60.00 - 128.00	/min/1.73
Sodium	136.00	135.00		135.00 - 142.00	135.00 - 146.00	mEq/L
Potassium	3.70	3.90	÷ 🖬	4.00 - 4.50	3.50 - 5.30	mEq/L
Sodium/Potassium Ratio	36.75	34.61		30.00 - 35.00	30.00 - 35.00	ratio
Chloride	102.00	100.00		100.00 - 106.00	98.00 - 110.00	mEq/L
C02	26.00	27.00		25.00 - 30.00	19.00 - 30.00	mEq/L
Anion gap	11.70	11.90		7.00 - 12.00	6.00 - 16.00	mEq/L
Uric Acid, female		6.70	10	3.00 - 5.50	2.50 - 7.00	mg/dL
Protein, total		6.50	•	6.90 - 7.40	6.10 - 8.10	g/dL
Albumin	4.30	4.20	-	4.00 - 5.00	3.60 - 5.10	g/dL
Globulin, total	2.40	2.30	• 🖸	2.40 - 2.80	2.00 - 3.50	g/dL
Albumin/Globulin Ratio	1.80	1.80		1.40 - 2.10	1.00 - 2.50	ratio
Calcium	9.40	9.30	• •	9.40 - 10.10	8.60 - 10.40	mg/dL
Calcium/Albumin Ratio	2.18 4.30	2.21	-	0.00 - 2.60	0.00 - 2.70	ratio mg/dL
Phosphorus			1			
Calcium/Phosphorous Ratio		2.32		2.30 - 2.70	2.30 - 2.70	ratio
Magnesium		1.90	• •	2.20 - 2.50	1.50 - 2.50	mg/dl
Alk Phos		51.00	•	70.00 - 100.00	35.00 - 115.00	IU/L
AST (SGOT)	28.00	\$ 34.00	1 🖸	10.00 - 26.00	10.00 - 35.00	IU/L



#### Increase Revenue with our Functional Health Report<sup>™</sup>

These FREE lab interpretation reports add value to your practice by providing you and your patients with easy-toread reports that rank imbalances, give explanations and possible causes for those imbalances, as well as offer evidence-based nutraceutical recommendations specifically targeted to each patient's unique biochemistry. This valuable feature also helps to support patient compliance by helping patients understand and "own" their health improvement. The Evexia Diagnostics Functional Health Report<sup>™</sup> is designed to save you over an hour per lab exam by automatically analyzing every lab element.

## What is included in the Evexia Diagnostics Functional Health Report<sup>™</sup>?

- Credible, evidence-based analysis for you and your patients (Practitioner & Patient versions)
- Peer-reviewed "optimal ranges" along with the standard reference ranges
- Personalized Health Improvement Plan with specific product recommendations.
- Recommendations using the nutraceutical line of your choice\*
- Background details about each lab element tested
- Superior Functional Index Report showing the 20 Indices of Functional Health
- Blood Test History Report providing a comparison of the last 7 blood tests side by side
- Recommended Further Testing

\* FHRs with Evexia Nutraceuticals" recommendations are FREE; FHRs with other nutraceutical line recommendations or no recommendations are \$5.00 each.



## Mobile Phlebotomy Services



#### Available services:

- In-home or in-office draws
- Single or multiple patient draws
- Hourly rates for events
  or large groups

Evexia Diagnostics provides access to a network of over 6,000 carefully selected mobile phlebotomists, covering almost every major city in the U.S. These trained professionals can travel to your office or patient's home to collect specimens for any of the tests that we offer, including COVID-19 testing. Multiple options are available to suit your needs and those of your patients. Contact us to learn more or schedule an appointment.

9



## **Evexia Marketing Solutions**





**Functional Health Report Brochure** 



\*choose nutraceutical guidance on each FHR for a free report, to avoid a \$5.00 FHR fee

As an Evexia client, we offer you marketing solutions designed to support your practice by educating both clinicians and patients on the benefits of our tests and services. These tools are easily accessible to our clients and many can be customized.

#### Private Label Functional Health Reports (FHRs)\*

Set your practice apart by offering customized FHRs to your patients. Further customize these invaluable reports with your practice contact information and logo; contact us to learn how.

#### **Functional Health Report Brochure**

Brochures are available to educate patients and promote the benefits and value offered by the Functional Health Report. These brochures can also be customized with your practice contact information and logo for FREE. Contact us to learn more.

#### **Customized Topic Specific Sell-Sheets and Videos**

At Evexia, we know you don't always have time to run your practice and be a copywriter, graphic designer, and marketing manager. These FREE and CUSTOMIZABLE marketing materials will help your practice explain the benefits of testing in clear and concise language to your patients.

All the patient-facing information from our marketing sell-sheets is also available in a dynamic video format. Supply your contact information and practice logo, and we will send you a link to download your video.



## EMR & EHR Integrations



At Evexia, we understand that changes in the landscape of healthcare and the evolution of technology can radically impact how our clients practice. The advent of Electronic Medical Records (EMRs) and the progression of Electronic Health Records (EHRs) have created significant ease-of-use features widely adopted by clinicians throughout the medical community. We recognize the benefits they offer and are actively workingintegrate Evexia with some of the best EMR and EHR providers available. We are continuing to add more options regularly to streamline access for our clients.

Partners:





# Laboratory Diagnostic Testing: Conventional VS.

We understand that each practice is unique and constantly evolving, just like the needs of your patients. So when it comes to diagnostic testing, Evexia covers all the bases and offers the best options available on the market. Our clients have access to a vast catalog of thousands of Conventional and Specialty diagnostic tests. These two approaches to diagnostic testing are often complementary and work together to improve patient outcomes.

## **Conventional Testing**

Choose individual tests or get started by selecting from one of our popular preestablished panels. If you don't see what you are looking for, we also offer the ability to easily create custom panels to suit the specific needs of your patients.







## **Benefits:**

- Functional Health Reports<sup>™</sup>
- Choose from thousands of test analytes
- Access to almost 2000 patient service centers
- Custom panels
- Free clinical support
- Mobile phlebotomy services

Do vou need diagnostic testing solutions for your practice and patients?

# Specialty

All you need is Evexia!

Conventional diagnostic testing frequently serves as the foundation and can provide a wealth of information about a patient and their health. Specialty diagnostic testing, however, is a pivotal option when additional details are needed to continue the evaluation of a patient. When faced with complicated and complex health conditions, speciality testing can provide invaluable insight and answers, so that you can better determine the best course of treatment for your patients.

## **Specialty Testing**

Gain additional insight into complex cases. Specific testing options are available, as well as more comprehensive wide-ranging profiles to get the answers you need.



## **Benefits:**

- All-In-one testing profiles
- At-home collection options
- Mobile phlebotomy services
- Free clinical support
- Access to 20+ lab partners all on one platform





## **Conventional Diagnostic Testing**



Conventional diagnostic testing options abound, and Evexia covers all the bases; choose from thousands of individual tests from LabCorp and AML, Evexia Panels, or use our Custom Panel Creator.

## **Pre Built Evexia Panels**

The Evexia Diagnostics clinical team has created the Evexia Panels to provide clients with easy access to relevant and useful test combinations tailored to common clinical concerns and conditions.

#### **EVEXIA WELLNESS PANELS**

Evexia Basic Wellness Panel Evexia Complete Wellness Panel Evexia Comprehensive Wellness Panel Evexia Premier Wellness Panel Evexia Standard Wellness Panel

#### **EVEXIA CARDIO PANELS**

Evexia Basic Cardiovascular Panel Evexia Complete Cardiovascular Panel Evexia Comprehensive Cardiovascular Panel Evexia Premier Cardiovascular Panel

#### **EVEXIA THYROID PANELS**

Evexia Complete Thyroid Panel Evexia Comprehensive Thyroid Panel Evexia Premier Thyroid Panel

#### **EVEXIA SPECIALTY PANELS**

Evexia Comprehensive Bone Health Panel Evexia Complete Cognitive Decline Panel Evexia Comprehensive Cognitive Decline Panel Evexia Complete Detox Panel Evexia Comprehensive Detox Panel Evexia Comprehensive Diabesity Panel

EVEXIA WELLNESS PANELS

Evexia Comprehensive Diabetes Panel Evexia Complete Female Hormone Panel Evexia Comprehensive Female Hormone Panel Evexia Complete Prenatal Panel Evexia Comprehensive Prenatal Panel Evexia Comprehensive Sexual Health Panel Evexia Complete Weight Management Panel



## **Custom Panel Creation**

The Custom Panel Creator was designed with clinicians in mind. This powerful tool offers you the ability to build diagnostic panels to fit your practice's unique needs.

With thousands of tests to choose from, the options are endless; best of all, the process is easy and straightforward.

Custom panels can be created based on the common needs of your patient base, including intake and baseline assessments, follow-ups and monitoring of protocols, or to address specific concerns and issues for specialized care and treatment. This incredible tool allows you to decide what is best suited for your practice.

Contact our client success services to learn more.





## **Price Match Policy**

Do you already have a custom panel with another lab? We also offer price matching for custom panels; simply ask us about our price match policy, and we will meet or beat your custom panel's price.



## Access Medical Labs





#### About Access Medical Labs:

Access Medical Labs is the nation's premier specialty diagnostic laboratory. We offer a broad menu of testing from blood, saliva and urine samples.

Florida.

#### Leadership Team:

Ryan Egypt El-Hosseiny, Chairman

Sharif Elhosseiny, Cofounder & co-CEO

Adam El-Hosseiny, Chief Operating Office

## Our mission: To provide peace of mind by delivering the most reliable information about your health.

Access Medical Labs is the nation's Premier Full-Service Specialty Lab, striving to provide lab solutions for a healthy and fit lifestyle. We provide a first class, personalized service for Physicians and Guests worldwide, offering the best in high quality diagnostic testing, with an extraordinary emphasis on making sure you receive the most accurate and reliable test results.

#### **Ultra Automation**

Our automation improves accuracy, quality, turn around time and allows for more competitive test rates..

#### Latest Technologies

Siemens Healthcare announced Access as the first lab in the U.S to fully automate the entire labortory using Aptio® Technology.

#### **Personalized Service**

We complement you with a team of knowledgeable experts in clinical laboratory testing.



CardioPro Advanced CardioPro Basic Panel Comprehensive Female Panel Comprehensive Male Panel Comprehensive Plus Female Panel Comprehensive Plus Male Panel COVID-19, Real-Time RT-PCR, SalivaDirect Initial Female Panel Initial Male Panel

## Highlighted Test: Cardio Pro Advanced Panel

Nearly 50% of all heart attacks and strokes occur in patients with what is considered normal cholesterol levels. As a sound baseline test, our CardioPro Advanced panel provides a more in depth insight into the various factors that play a role in determining the health of your heart. Understand how your heart is functioning with your easy to read CardioPro results, and consult with your physician to get your heart to its peak state!

The CardioPro Advantage Panel provides clinical information about the risk of heart and cardiovascular disease. This panel evaluates apolipoproteins A-1 and B, lipoprotein (a), the lipoprotein LDL sub-fraction (small density LDL), Lp-PLAa activity (lipoprotein-associated phospholipase A2). This panel also includes the standard lipid panel, homocysteine, high-sensitivity CRP (marker of inflammation), 25-Hydroxyvitamin D and fasting insulin.

With two more essential components than the Cardio Pro Basic panel this version provides physicians a clear picture of their patient's cardiovascular state. It includes the PLAC test, which is the only FDA approved marker for measuring plac in the arteries. The CP2 also includes the Vitamin D, 25 Hydroxy, which is proven to be preventative for heart disease and strokes.





## **Boston Heart Diagnostics**





## About Boston Heart Diagnostics:

Boston Heart is focused on the treatment and prevention of disease by offering novel diagnostics that drive a personalized approach to improve patient health.

#### Leadership Team:

Pat Noland, President

Ernst J. Schaefer, MD, Founder and Chief Medical Officer

Michael Dansinger, MD, Medical Director, Patient Wellness

#### All laboratory tests are performed in a CAP-accredited, CLIA-certified clinical laboratory in Framingham, Massachusetts

Boston Heart Diagnostics specializes in a wide range of laboratory techniques, including gas chromatography, gel electrophoresis, genetic testing, general chemistry, immunoassay, and high performance liquid chromatography.State-of-the-art equipment is operated by a highly qualified and trained laboratory staff to ensure accurate and consistent assay performance.

#### **Advanced Diagnostic Testing**

Standard lipid panels only tell part of the story and often fail to capture a patient's complete health risk. According to the American Heart Association, for many Americans, their first symptom of cardiovascular disease is a heart attack or sudden death. Boston Heart's comprehensive test menu offers exclusive and state-of-the-art biomarkers to help individualize treatment beyond what is possible with the standard lipid panel. Boston Heart's novel diagnostics drive laboratory reports with color coded test results, interpretations and clinical treatment considerations that help characterize risk, develop insight and communicate more reflective with patients.

#### A Breakthrough in Patient and Provider Communication

The Boston Heart Diagnostic Report is where your patient's health story begins. This transformative report communicates test results into easy-to-understand actionable steps individualized to each patient to improve patient engagement, health literacy and adherence to treatment plans.



Atrial Fibrillation Risk Genotype Test CVD Risk Genotype Test Adiponectin Alanine Aminotransferase (ALT) Albumin Aldosterone Alkaline Phosphatase (Alk Phos) Anion Gap Apolipoprotein A-I (apoA-I) Apolipoprotein B (apoB) Apolipoprotein B/Apolipoprotein A-I Ratio (ApoB/ApoA-I) Apolipoprotein E (apoE) Genotype Test Aspartate Aminotransferase (AST) B12 Beta Cell Function and Risk Index

Blood Urea Nitrogen (BUN) Boston Heart Cholesterol Balance ® Test Boston Heart Fatty Acid Balance™ Test Boston Heart HDL Map ® Test

and Many More.

## Highlighted Test: Boston Heart HDL Map<sup>®</sup> Test

For more than forty years, total circulating HDL cholesterol (HDL-C) has been used as a primary indicator of cardiovascular disease (CVD) risk. However, HDL is comprised of subpopulations of different sizes, composition and characteristics that impact cardiovascular risk in drastically different ways.

#### **Test Details**

The Boston Heart HDL Map<sup>®</sup> test measures the five most significant HDL subpopulations in CVD risk using a proprietary gel electrophoresis technique. This process quantifies the amount of apoA-I protein in each of the five HDL subclasses, providing information to accurately identify patients at increased CVD risk.

#### Low $\alpha$ -1 level is a significant predictor of recurrent CVD events1

Low levels of  $\alpha$ -1 HDL and high levels of pre  $\beta$ -1 HDL predicted recurrent CVD events versus no recurrence in men selected for low HDL-C (<40 mg/dL) and CVD. Low  $\alpha$ -1 HDL levels have been shown to be the most significant parameter predicting CVD recurrence (p<0.001).<sup>1</sup>

1. Asztalos BF, Cupples LA, Demissie S, Horvath KV, Cox CE, Batista MC, Schaefer EJ. High-density lipoprotein subpopulation profile and coronary heart disease prevalence in male participants in the Framingham Off spring Study. Arterioscler Thromb Vasc Biol. 2004; 24(11):2181-2187.





## Diagnostic Solutions Laboratory





#### About Diagnostic Solutions :

Diagnostic Solutions Laboratory's mission is to to deliver innovative, accurate and clinically relevant diagnostic testing in a timely and cost-effective manner.

#### Leadership Team:

#### Tony Hoffman, Chief Executive Officer

David M. Brady, ND, DC, CCN, DACBN, IFMCP, FACN Chief Medical Officer

Todd R. LePine, MD, Senior Medical Advisor

#### **RESEARCH. TECHNOLOGY. RESULTS.**

**Diagnostic Solutions Laboratory bridges the gap between healthcare providers and the clinical laboratory** by offering cutting-edge laboratory tests such as Gl-MAP, OMX (Organic Metabolomics), CytoDX, and GenomicInsight. Designed to identify underlying root causes of symptoms and disease, our test results give practitioners the tools needed to formulate personalized treatment protocols for optimized patient outcomes. Our commitment to education and service ensures both practitioners and their patients will benefit from the latest research.

Our commitment to quality and service is unparalleled. Our highly experienced scientists have developed over 500 assays in their careers. They are empowered to validate every analyte and use the best methodology available to be sure the results you receive are accurate and precise.

Our production team adheres to the strictest standards with an emphasis on quality and a realization that every sample belongs to a patient.

Our customer service and technical support teams are dedicated to helping patients, clinicians and their staff understand our testing and the process of working with Diagnostic Solutions Laboratory in a seamless manner.



Amino Acids Pofile CytoDx<sup>™</sup> Cytokine Response Profile GI Pathogens Profile GI-Map (GI Microbial Assay Plus) ADD-ON Zonulin (GI-MAP ONLY) H. Pylori Profile IgE Allergy Explorer IgG Food Explorer IgG/IgE Combo Explorer OMX | Organic Metabolomics - Urine OMX | Organic Metabolomics - Urine & Plasma Organic Acids Zonulin Profile (Stool)

## Highlighted Test: GI-Map (GI Microbial Assay Plus)

The Gastrointestinal Microbial Assay Plus (GI-MAP) is the first and only stool test in the world to be running full quantitative polymerase chain reaction (qPCR) on multiple GI targets, including pathogenic and opportunistic bacteria, worms, yeasts, parasites, and comprehensive antibiotic resistant genes, alongside intestinal health, digestive, and immune markers.

Not all pathogens cause disease if they are present. Knowing exactly how much of an organism is present, in combination with immune markers, gives the practitioner important information for better clinical decision-making.

#### The updated GI-MAP now includes 22 new markers:

- 5 additional H. pylori virulence factors (8 total)
- Epstein-Barr & Cytomegalovirus
- Phyla microbiota ratios
- 5 worm species
- Additional autoimmune and opportunistic bacteria

#### Methodology Update: qPCR

Diagnostic Solutions Laboratory uses a cutting-edge technology known as quantitative polymerase chain reaction (qPCR).

qPCR (or real-time polymerase chain reaction) combines amplification and detection into one step, and is one of the most powerful and sensitive gene analysis techniques available. It is used to quantify gene expression, analyze single nucleotide polymorphisms (SNPs), determine genotypes, detect pathogens, validate drug targets, and measure RNA interference.

The new GI-MAP gives practitioners quantitative information about Giardia, Clostridium difficile, Salmonella, and many more. The method measures the 16S and/or 23S ribosomal RNA (rRNA) regions and other target-specific genes to detect bacteria. It also measures virulence factors and viral targets (RNA).

	GI-MAP M DNA Stool Analysis			
	Patient: Collected DOB: 12/	: <b>Jane Doe</b> d: 07/24/2017 /19/1971	Accession: 20170724-0102 Received: 07/24/2017 Completed: 07/31/2017	
Pathogens	Ordered by: Diane Farhi, MD			
Bacterial Pathogens				
Campylobacter	Result		Pro la companya de la	
C. difficile Toxin A	<dl< td=""><td></td><td>Expected</td></dl<>		Expected	
C. difficile Toxin B	<dl< td=""><td></td><td><dl< td=""></dl<></td></dl<>		<dl< td=""></dl<>	
Enterohemorrhagic E. coli	<di< td=""><td></td><td><di< td=""></di<></td></di<>		<di< td=""></di<>	
E. coli 0157	<dl< td=""><td></td><td><d1< td=""></d1<></td></dl<>		<d1< td=""></d1<>	
Enteroinvasive E. coli/Shigella	<dl< td=""><td></td><td><dl< td=""></dl<></td></dl<>		<dl< td=""></dl<>	
Enteropathogenic E. coli	<di< td=""><td></td><td><dl< td=""></dl<></td></di<>		<dl< td=""></dl<>	
Enteroteulas in a	<dl< td=""><td></td><td><d1< td=""></d1<></td></dl<>		<d1< td=""></d1<>	
Enterotoxigenic E. coli LT/ST	<dl< td=""><td></td><td><dl< td=""></dl<></td></dl<>		<dl< td=""></dl<>	
Shiga-like Toxin E. coli stx1	<di< td=""><td></td><td><dl< td=""></dl<></td></di<>		<dl< td=""></dl<>	
Shiga-like Toxin E. coli stx2	<dl< td=""><td></td><td><di< td=""></di<></td></dl<>		<di< td=""></di<>	
Salmonella	6.4 e2		<dl< td=""></dl<>	
Vibrio cholerae	<di< td=""><td>Low</td><td><dl< td=""></dl<></td></di<>	Low	<dl< td=""></dl<>	
Yersinia enterocolítica	<dl< td=""><td></td><td><d1< td=""></d1<></td></dl<>		<d1< td=""></d1<>	
Parasitic Pathogens	141		<dl< td=""></dl<>	
Cryptosporidium	<dl< td=""><td></td><td></td></dl<>			
Entamoeba histolytica	<dl< td=""><td></td><td><dl< td=""></dl<></td></dl<>		<dl< td=""></dl<>	
Giardia	<di< td=""><td></td><td><dl< td=""></dl<></td></di<>		<dl< td=""></dl<>	
Viral Pathogens	NU1		<d < td=""></d <>	
Adenovirus 40/41	2.3 e3			
Norovirus GI	2.3 e3	High	<d < td=""></d <>	
Norovirus GII			<dl< td=""></dl<>	
H. pylori	<dl< td=""><td></td><td>sdl</td></dl<>		sdl	
Helicobacter pylori	4.03 E6			
Virulence Factor, babA		High	<7.0 E3	
Virulence Factor, cagA	Negative		Neg	
Virulence Factor, cagPAI	Negative		Neg	
Virulence Factor, dupA	Negative		Neg	
Virulence Factor, iceA	Negative		Neg	
Virulence Factor, opiA	Negative		Neg	
Virulence Factor, vacA	Negative		Neg	
	Positive		Neg	
			14ER	
he assays were developed and the performance charact letermined by Diagnostic Solutions Lebourt	Brittics			
etermined by Diagnostic Solutions Laboratory.	412022	N	CLIA# 11D-2097795 Medical Director - Diane Farhi, MD	

21



## Doctor's Data Inc.





#### About Doctor's Data:

Doctor's Data is a specialist and pioneer in essential and toxic elemental testing, as well as other innovative specialty tests, Doctor's Data offers a wide array of functional testing to aid in decision making and better patient outcomes.

#### Leadership Team:

David Quig, PhD, Vice President of Scientific Support

Lylen Ferris, ND, Chief Business Officer

XXXXXXXXXXX, PhD, Scientific Director

## Thousands of clinicians worldwide use Doctor's Data for their laboratory testing needs.

Consistent, accurate results have always been our first priority. Highly trained personnel, the latest instrumentation and methodologies, continuing client education, powerful data management and extensive quality assurance all contribute to the exceptional quality we demand.

An extensive quality program allows the monitoring of precision, accuracy and detection limits of our analytical measurements. For example, data review is performed on every QC sample and every patient result, to assure that all quality criteria are met and that critical values are checked. Samples are also sent to other laboratories to compare results.

One of our driving research goals has been to bring greater awareness of the function of elements in clinical biochemistry and medicine. We have been actively involved in studies dealing with important subjects such as:

- Intellectual and neurological development and behavior in children
- The adverse effects of toxic waste and heavy industrialization on hypertension, cardiovascular disease and other conditions
- The biochemical connection between aberrant behavior and violence in juveniles and adults

Doctor's Data is a federally licensed CLIA laboratory with appropriate state certifications and licenses. We participate in quality assurance and proficiency testing programs including those offered by the College of American Pathology (CAP), Centers for Disease Control (CDC), New York State Department of Health, Le Centre de Toxicologie du Quebec and others.



- Aceva Hormone + Melatonin Profile Adrenal Function Panel (H) Bacteriology Culture/Sensitivities; stool Basic Salivary Hormone Panel (H) Beta-Glucuronidase; stool Calprotectin; Stool CardioMetabolic Profile, Serum Cardiovascular Risk Profile
- Celiac & Gluten Sensitivity; bloodspot Celiac & Gluten Sensitivity; serum Comprehensive Adrenal Function Profile (H) Comprehensive Blood Elements (whole blood + serum elements) Comprehensive Clostridium Culture\$ Comprehensive Neurotransmitter Profile (NT) Comprehensive Plus Salivary Hormone Panel (H)

Comprehensive Salivary Hormone Panel (H) Comprehensive Stool Analysis + Parasitology (CSAP21) Comprehensive Stool Analysis CSA21 Cortisol Panel (H) Creatinine Clearance Culture, PCR + Parasitology; stool - CPP21 and Many More.

## Highlighted Test: GI360<sup>™</sup> Stool Profiles, multiplex PCR

Introducing the GI360<sup>™</sup> Profile: an innovative, comprehensive and clinically-applicable stool profile, utilizing multiplex PCR molecular technology coupled with growth-based culture and ID by MALDI-TOF, sensitive biochemical assays and microscopy to detect and assess the status of pathogens, viruses, parasites and bacteria that may be contributing to acute or chronic gastrointestinal symptoms and disease.

- PCR Analysis for the Abundance and Diversity of Key Bacterial Populations of the GI Microbiome
- PCR Detection of Pathogenic Bacteria, Viruses and Parasites
- Comprehensive Parasitology by Microscopy
- MALDI-TOF ID of Cultured Bacteria and Yeast
- Broad Range of Stool Chemistry Markers
- Standardized Susceptibility Testing of Isolated Bacteria and Yeast

## Consider the GI360<sup>™</sup> Profiles for your patients that present with gastrointestinal complaints and chronic systemic conditions:

- Gastrointestinal Symptoms
- Autoimmune Disease
- IBD/IBS
- Inflammation

- Food Sensitivities
- Nutritional Deficiencies
- Joint Pain
- Chronic or Acute Diarrhea



- Bloody Stool
- Mucosal Barrier Dysfunction
- Abdominal Pain
- Fever and Vomiting

23



## ELISA/ACT Biotechnologies

## ELISA/ACT<sup>®</sup> Biotechnologies



#### About ELISA/ACT Biotechnologies:

ELISA/ACT Biotechnologies (EAB) is the exclusive provider of the lymphocyte response assay (LRA by ELISA/ACT) tests – the gold standard in delayed hypersensitivity testing.

#### Leadership Team:

Russell Jaffe, CEO and Chairman

XXXXXXX, Chief Financial Officer

XXXXXXXX, Chief Clinical and Scientific Officer ELISA/ACT Biotechnologis was built on a strong foundation of patented technology, patient-friendly guidance, value-added support, and proven results, EAB will provide you with a successful plan to determine and address the causes of chronic disease and immune system dysfunction and restore overall health..

For over 30 years, our clinically proven, proprietary tests and individualized treatment plans have been used successfully in managing chronic autoimmune and immune dysfunction syndromes.

Revolutionary blood tests that directly analyze lymphocytes, the body's long lived, memory-carrying white blood cells that indicate health and disease in the body.

The only tests that simultaneously measure all three types of delayed sensitivity reactions through lymphocyte activation:

- Reactive antibody (IgA, IgM, and IgG)
- Immune complexes
- T cell direct activation



- CMRT Dental Panel CMRT Orthopedic Panel LRA Additives/Preservatives 15,28,45 LRA All Inclusive 512 LRA Basic 144 LRA Color Additives 20 LRA Comprehensive 317, Plus Medications 349 LRA Comprehensive
- LRA Dander/Hair/Feather 10 LRA Enhanced Basic 212 LRA Environmental Chemicals 15,30,61 LRA Food 115,166,238,46,96 LRA Gluten Panel 44 LRA Halal 236 LRA Kosher 227
- LRA Mold 28 LRA Professionals Choice 389,Plus 406 LRA Silicone Panel 19 LRA Therapeutic Foods 46 LRA Therapeutic Herbs 18 LRA Toxic Mineral/Metals 14 LRA Vegan 188 LRA Vegetarian 206

## Highlighted Test: LRA All Inclusive 512

The Lymphocyte Response Assay (LRA) by ELISA/ACT®, developed by ELISA/ACT Biotechnologies LLC (EAB), makes it possible to examine the general health of a patient's immune system by monitoring delayed hypersensitivity responses to over 500 common substances. The tests identify reactive substances, which may be provoking the patient's chronic condition. Patients are also provided a personalized treatment plan to help eliminate these sensitivities and restore overall health. One of the major advancements in medicine in recent years has been our expanded understanding of the immune system and its far broader and more important role in general health and wellness. Initially, it was thought that our immune system was only involved in defending our bodies against threatening agents such as bacteria, viruses, and environmental "invaders". Medical science has now come to recognize that the immune system has defense as well as repair capabilities. The defense component of the immune system fights off the "invaders" that create disease, while the repair component plays an important role in restoring tissue and organs from damage that the disease state may have caused. If either the defense or repair function becomes overburdened or overstressed, immune dysfunction and disease may result. Recent studies have shown that when the defense elements or lymphocytes (type of white blood cells) of the immune system are burdened due to the effects of foreign antigens, the vital repair process suffers.





## Genova Diagnostics





#### About Genova Diagnostics:

Genova Diagnostics is a global clinical laboratory, pioneering a systems-based approach that supports healthcare providers in the personalized treatment and prevention of chronic disease.

#### Leadership Team:

Jeffrey Ledford, Chief Excutive Officer

Craig Thiel, Chief Financial Officer

Amy PeaceBrewer, Chief Clinical and Scientific Officer

#### Genova Diagnostics Promises...

The Genova Diagnostics team promises to be the best provider of comprehensive and innovative clinical laboratory services for the prevention, diagnosis, and treatment of complex chronic disease.

Chronic diseases are often complex and Genova's system-based testing helps physicians develop targeted treatments for their patients. Easy-to-read color graphic reports synthesize test results into actionable information and facilitate physician-patient communication.

The internationally renowned lab is committed to the highest standards and has a team of medical experts who provide consultation to healthcare professionals, as well as a robust array of educational resources, ensuring that physicians order the right tests for their patients.

Genova Diagnostics products and services will provide compelling value across the primary care continuum through the best elements of laboratory science, systems biology, and clinical data synthesis. Their products will address a complex health problem and simplify the decision on the most effective course of action. To develop new products and services, they will continually improve upon resource discipline and development processes.



- Adrenocortex Stress Profile Adrenocortex Stress Profile with Cortisol Awakening Response Cardio Check DetoxiGenomic Profile Essential Estrogens® - Hormone Test 24 HR Essential Estrogens® - Hormone Test FMV Fatty Acids Profile - Erythrocytes (RBC)
- GI Effects Comprehensive Stool Profile 1 day GI Effects Comprehensive Stool Profile - 3 day GI Effects Fundamentals Profile Intestinal Permeability Assessment ION Profile® Metabolomix+ (Formerly Optimal Nutritional Evaluation - ONE FMV (Urine) NutrEval FMV
- NutrEval Plasma Organix® Comprehensive Profile Oxidative Stress 2.0 (Urine) Rhythm Plus<sup>™</sup> Rhythm<sup>™</sup> Small Intestinal Bacterial Overgrowth (SIBO) 3 Hour and Many More.

## Highlighted Test: Organix<sup>®</sup> Comprehensive Profile

The Organix<sup>®</sup> Comprehensive Profile is a nutritional test providing insights into organic acids and a view into the body's cellular metabolic processes. Additionally, children's reference ranges are designed to provide more accurate pediatric nutritional evaluations. Identifying metabolic blocks that can be treated nutritionally allows individual tailoring of interventions that maximize patient responses and lead to improved patient outcomes. Organic acids are metabolic intermediates that are produced in pathways of central energy production, detoxification, neurotransmitter breakdown, or intestinal microbial activity. Marked accumulation of specific organic acids detected in urine often signals a metabolic inhibition or block. The metabolic block may be due to a nutrient

deficiency, an inherited enzyme deficit, toxic build-up or drug effect. Several of the biomarkers are markers of intestinal bacterial or yeast overgrowth.

The Organix<sup>®</sup> Comprehensive nutritional test profile provides vital patient information from a single urine specimen.

This organic acids nutritional test is valuable for determining:

- Functional vitamin and mineral status
- Amino acid insufficiencies like carnitine and NAC
- Oxidative damage and antioxidant need
- Phase I & Phase II detoxification capacity
- Functional B-complex vitamin need
- Neurotransmitter metabolites
- Mitochondrial energy production
- and More

		Organiz				
3425 Corporate Dukuth, GA 3005	Way 6	- guing				
SAMPLE Complexe DOB: November 11, 1995 Received	Onder Number: OB240018 Royce Possil, MSCS Complexe May A, 2019 Test Dostar Research May A, 2019 75 Zillico & Street Celence May AP, 2019 , NC 28801					
3301 Organix @ Comprehensive Profile - U Methodology: LC/Tandem Mass Spectrometry, Coloris	ine					
	mmary of Abnormal Finding					
Biomarkers	Findings	Metabolic Pathway				
Fatty Acid Metabolism	No Abnormality Found	metabolic Pallway				
Carbohydrate Metabolism						
L-Lactate	н	Glycolysis				
Energy Production Markers	No Abnormality Found	(A)				
B-Complex Vitamin Markers	No Abnormality Found					
Methylation Cofactor Metabolism	No Abnormality Found					
Neurotransmitter Metabolism Markers						
Homovanillate	н	Dopamine metabolism				
5-Hydroxyindoleacetate	н	Serotonin metabolism				
Oxidative Damage and Antioxidant Markers						
8-Hydroxy-2-decxyguanceine	н	Oxidative damage				
Detoxification Indicators						
Sulfate	L.	Transsulfuration pathway				
Bacterial - General						
Phenylacetate	н	Gut bacterial metabolism				
p-Hydroxyphenylacetate	н	Gut bacterial metabolism				
L. acidophilus/general bacteria	No Abnormality Found					
Clostridial Species	No Abnormality Found					
Yeast/Fungel	No Abnormality Found					
	OHD Medicara U. #56-6475 - Georgia Lab-Lic. Code #007					



## Infinite Allergy Labs





About Infinite Allergy Labs: Infinite Allergy Labs is one of the leading laboratories and most comprehensive choice for Food Allergy/Sensitivity and Environmental Allergy Testing.

#### Leadership Team:

James LaValle, RPh MT, Medical/Education Director

Dr. Gordon J. Crozier, Advisory Board Member

Federico Martinez, MD, Advisory Board Member

#### Finding the root cause through food allergy and sensitivity testing.

Allergies and sensitivities in response to foods may cause a variety of symptoms within the body ranging from mildly uncomfortable to severe and life-threatening.

Sensitivities can increase inflammation throughout the body driving many symptoms and conditions with 95% of all chronic conditions being associated with inflammation!

Identify and treat the root cause of symptoms earlier by targeting problem foods and creating customized elimination diet plans.



88 Food Allergy and Sensitivity TEST (FAST) (IgG, C3d/C3b, IgE, IgG4) 88 Food Antigen IgE

88 Food Antigen IgE with potential blocking antibody IgG4

88 Food Antigen IgE/IgG4 & IgG (IgG, IgE, IgG4)

88 Food Antigen IgG88 Food Antigen IgG with C3d/C3bAntigen IgE Environmental Allergy

## Highlighted Test: 88 Food Allergy and Sensitivity TEST (FAST) (IgG, C3d/C3b, IgE, IgG4)

#### VARIOUS ANTIBODIES AND THEIR MEANING

IgE (immunoglobulin E) allergies are the immediate responses to a foreign substance that has entered the body via food or inhalation. IgE allergies can cause very serious symptoms like difficulty in breathing, swelling, and hives. In more serious cases, IgE reactions can lead to anaphylactic shock. Our test measures the blood level of IgE, one of the five subclasses of antibodies. Antibodies are proteins made by the immune system that attack antigens such as bacteria, viruses, and allergens.

IgG (immunoglobulin G, total) are antibodies that provide longterm resistance to infections and have a much longer half-life than an IgE allergy. This food sensitivity can be more subtle, and many people live with it for years, if not their entire lives.

Sensitivity symptoms range from fatigue, headache/nausea, seizures,

œ INFINITE IgG Lo Range mL) C3 b/d B/ =1.00 =1.00 =3.00 =8.00 =1.00 =3.00 =1.00 =3.00 =20.00 =1.00 =3.00 =1.00 =1.00 =3.00 =3.00 =1.00 =3.00 =1.00 =3.00 =2.50 =8.00 =1.00 =1.00 =1.00 3.00 allergy/sensitivity to the nsitivity to the a

hyperactivity, bloating, mood changes, or dark circles under the eyes. IgG symptoms typically occur within 3-72 hours after the offending food was ingested and they will create ongoing inflammation that can make most conditions worse. Because they can present at such varied times, it is hard to isolate from a diet history alone, and testing becomes particularly useful.

IGG4 (IMMUNOGLOBULIN G SUBTYPE 4): is another antibody produced in the body to fight infection. Desensitization injections, or allergy therapies, increase IgG4 to help neutralize the reaction of IgE. This is because of its potential to decrease histamine responses by blocking IgE from attaching to receptors, causing degranulation. Levels of IgG4 are beneficial up to a point, as they block IgE or allergic reactions and result in immune tolerance to foods.

29



## Jinfiniti Precision Medicine





#### About Jinfiniti Precision Medicine :

Jinfiniti Precision Medicine designs accurate and precise biomarker tests for clinicians and patients so they can monitor and improve their wellbeing in a data-driven way.

#### Leadership Team:

Min-Xiong She, Ph.D., CEO, CSO & Founder

Boying Dun, Ph.D., Co-Founder & Chief Innovation Officer

Bob Thordarson, Chief Technology Officer

#### The longevity biomarker company.

Jinfiniti is a scientist led, data driven company that is dedicated to empowering clinicians and individuals to optimize their health, performance and longevity. Jinfiniti does this by developing and analyzing unique and actionable biomarkers. Therefore, Jinfiniti has the unique ability to develop clinically proven interventions that will correct the discovered subhealth issues for the prevention of age-related diseases and improve efficacy of treatment.

The company was founded by a team of scientists with highly successful academic careers with a desire to bring powerful and positive change to the health and longevity field by developing a number of innovative biomarkers that are not available anywhere else in the world. Their work quickly attracted a team of highly experienced and very passionate entrepreneurs, who now serve as senior executives. Together we can now offer testing, personalized interventions and evaluation of treatment outcomes to clinicians and individuals around the world.

All tests are done in our own high-complexity CLIA laboratory (CLIA ID #: 11D2264938) located in the beautiful Golf Capital, Augusta, Georgia. The laboratory is directed and managed by a highly skilled team of clinicians and scientists. The laboratory can run most routine clinical tests but specializes in developing and implementing Laboratory Developed Tests (LDTs) that are not available anywhere else in the world.



AgingSOS<sup>™</sup> Best Value Panel

Intracellular NAD™

## Highlighted Test: Intracellular NAD<sup>™</sup>

#### Your starting point for healthy longevity

Boosting NAD levels has been shown to improve your health span. But there's never been a way to measure NAD easily and accurately. Until now.

An intracellular NAD test gives you actionable data that you can use to create an effective program for boosting NAD levels and living your best life.

#### What is NAD?

Nicotinamide adenine dinucleotide is a necessary molecule for maintaining life. It is found in every cell.

#### Why do NAD levels matter?

NAD deficiency is involved in five of the nine hallmarks if aging and can increase risks of age-related diseases such as stroke, heart disease, diabetes, kidney, neurodegenerative and infectious diseases.

#### Why do NAD levels matter?

- Increased cellular energy (ATP).
- Improved endurance and strength.
- Improved DNA repair
- Reduced oxidative stress.
- Greater ability to fight inflammation.
- Reduced cellular senescence.
- Better immune health.
- and much more





## Kashi Clinical Laboratories





#### About Kashi Clinical Laboratories:

Kashi Clinical Laboratories is a fully accredited laboratory specializing in a range of healthrelated testing services and customized assay development.

#### Leadership Team:

Zahra Kashi, PhD, Founder and Chief Excutive Officer

Dena Balbach, Chief Business Officer

Jenefer DeKoning, PhD, Scientific Director

#### We believe in helping people thrive.

Founded in May 2006, by Zahra Mehdizadeh Kashi, Ph.D., H.C.L.D., Kashi Labs began by offering pre and post-transplant/transfusion related services for the oncology and HLA communities. As time progressed, so did the laboratory with services expanding to include drug sensitivity, disease association, and private bone marrow testing. With the initial success in serving the field of transplantation and transfusion, Kashi Labs developed a wide range of genomic services to further support the advancement of medical oncology.

Today, Kashi Labs provides a wide range of development services, reference lab services and platforms to complement our original battery of testing. Using the latest technology, Kashi scientists combine their decades of experience with stringent protocols to create, validate, and implement every test. Our customer service is personal, timely, and tailored to your program needs.



- Abacavir Hypersensitivity Addison's Disease Allopurinol Hypersensitivity Ankylosing Spondylitis APOE Behcet's Disease Birdshot Chorioretinopathy Carbamazepine Hypersensitivity
- Cardiac Health CBS Celiac Disease Comprehensive Genetic Panel COMT Grave's Disease Mold Hypersensitivity Mood Profile Panel (Behavioral Panel)
- MTHFR & COMT Multiple Sclerosis Narcolepsy Nutritional Deficiencies Rheumatoid Arthritis Sjogren's Syndrome Weight Management

## Highlighted Test: Comprehensive Genetic Panel

#### Mapping the path from your past ... to your future

This groundbreaking DNA health panel provides fast and accurate information on a wide range of SNPs (single nucleotide polymorphisms) affecting weight management, diabetes, cardiac heath, nutritional function, bone health and estrogen metabolism, memory and brain health, mood disorders, and methylation cycle function.

Test panel results are summarized in a detailed, easy-to-interpret report that highlights genotypes, identifies risk profiles, and pinpoints gene function.

## Symptoms/Conditions ideal for candidates who could benefit from this panel:

- Patients presenting with a complex multi-symptom picture
- Patients interested in learning how to optimize health and wellness
- Patients seeking to develop a targeted diet and supplement solutions
- Patients experiencing a sudden increase in the number of symptoms
- Patients wanting to break familial patterns associated with chronic conditions
- Patients preparing to conceive
- Parents who want to provide their child with every opportunity for health and cognitive development





## **KBMO** Diagnostics





About KBMO Diagnostics : KBMO Diagnostics is a fully integrated medical diagnostics company located outside Boston, Massachusetts. The company focuses on personalized medicine through identifying tests which help physicians with individualized results.

#### Leadership Team:

James White, Owner and Chief Executive Officer

David Gardner, Executive Vice President

Dr. Brent Dorval, Ph.D., Chief Science Officer

#### A fully integrated medical diagnostics company.

KBMO Diagnostics offers Food Sensitivity Testing through its patented Food Inflammation Test (FIT). The FIT Test is the highest quality food sensitivity test available, measuring up to 176 of the most common foods, colorings and additives. The FIT Test employs unique methods that detect both IgG antibodies and complement antigen together to determine the reactivity of each sample against a wide variety of food antigens. These methods yield more complete profiles of the various foods that may cause food sensitivities.

In addition to the FIT Test, they offer our unique Zonulin assay, and the new Gut Barrier panel.

The FIT Test is the most sensitive food test available using patented technology. The multiple pathway approach allows us to look at not only food sensitivities but also inflammation and gut permeability all from one test. We also provide best in class compliance tools including a personalized meal plan and a patient app.

KBMO is looking to add more testing in the near future.



FIT 132 Test; Blood Tube Kit FIT 132 Test; Finger Stick Kit FIT 176 Test Food Inflammation Test, Finger Stick Kit FIT 176 Test Food Inflammation Test; Blood Tube Kit FIT 22 Food Inflammation Test FIT 44 Finger Stick Kit

## Highlighted Test: FIT 176 Food Inflammation Test with Gut Barriel Panel & Zonulin

The FIT 176 Test is a patented, multi-pathway delayed food sensitivity test. The test uses patented technology that measures both IgG and Immune Complexes, the most common foodrelated pathways in the body. This enables the FIT test to be able to identify, food sensitivities, inflammation and leaky gut from a single test.

Food Sensitivities affect more than 100 million people worldwide. They are very difficult to identify because the symptoms can be delayed up to 72 hours after eating.

Food sensitivities symptoms are also many and varied and we have listed some of them below from a clinical study we ran:

- Anxiety and Depression
- Inability to Lose Weight
- Fatigue and Insomnia
- Constipation and Diarrhea
- Bloating and Stomach Pain
- Inpotence and Libido
- Joint Pain
- Sugar Cravings





## LabCorp





#### About LabCorp:

LabCorp combines unparalleled diagnostics and drug development capabilities to accelerate innovation, with the goal to provide insight into health that will improve lives.

#### Leadership Team:

Adam Schechter, Chairman, President, and CEO

Lance Berberian, Executive VP and CITO

Brian Caveney, M.D., J.D., M.P.H. Executive VP and CMO

## A global life sciences and healthcare company advancing diagnostics and drug development.

LabCorp is a global life science and healthcare company harnessing science for the human good. Every day, their mission is to improve health and improve lives.

Their scientists, medical researchers, doctors, and healthcare professionals advance science, technology, and innovations to make real, meaningful differences in patients' lives. Using world-class diagnostics to improve patient care and accelerating drug development, they are always rethinking ways to make healthcare more accessible.

LabCorp partners with and provides services to anyone, in any community, affected by healthcare. This includes managed care organizations, biopharmaceutical companies, governmental agencies, physicians and other healthcare providers, hospitals and health systems, employers, patients and consumers, contract research organizations, and independent clinical laboratories.


# A global life sciences and healthcare company advancing diagnostics and drug development.

#### **World-Class Diagnostics**

Through Their comprehensive global clinical laboratory network, LabCorp performs more than 3 million tests per week. Those test results help researchers, medical professionals and patients make important health decisions, provide insights that help identify biological data and patterns, and identify individuals who might benefit from enrolling in specific drug trials.

#### A Global Leader in Drug Development

LabCorp runs clinical trials in nearly 100 countries and generate more safety and efficacy data to support drug approvals than any other company. With the largest set of clinical data in the world, they can provide the answers that move clinical trials forward, faster. And their commitment to promoting clinical trial participation with patients of all backgrounds means they are constantly broadening access to information, choices and scientific advancements to the global population.

#### LabCorp Draw Centers

All Labcorp patient service centers offer routine specimen collections for adults, which can include blood draws and urine collection. Learn more about what to expect when you visit a Labcorp patient service enter, or obtain information about preparing for your lab testing.



# Namia





# Until Auria.

The first home breast cancer screening test powered by tears.

Meet Auria

#### About Precision Analytical Inc. :

Headquartered in McMinnville, Oregon, Precision Analytical is the world leader in providing extensive reporting of hormone information for healthcare providers to help address the needs of their patients.

#### Leadership Team:

Mark Newman, Founder & President

Will Fox, Chief Operating Officer

Debbie Rice, ND, MPH, Director of Clinical Education

#### Helping patients and their health care providers find answers to complex clinical questions that can affect their lives.

Precision Analytical's unique hormone testing offers an easier way for providers and patients to find answers to complex clinical questions that affect their daily lives.

Precision Analytical is a Clinical Laboratory Improvement Amendment (CLIA) certified laboratory, run by a team of dedicated scientists and onsite medical experts. They provide reports that are accurate, precise (reproducible), and simple to analyze. Precision Analytical strives for excellent lab-quality as it is critical to ensure healthcare providers make the best decisions they can for their patients.

Precision Analytical offers more than 40 different types of hormonal reporting, including Cortisol, Cortisone, Cortisol Metabolites, Creatinine, DHEAS, Melatonin, Progesterone, Testosterone, Androgen, and Estrogen Metabolites. We also offer reporting for mapping out women's cycles.

Precision Analytical's commitment comes from creating lab reports that help increase the confidence and competence of hormone testing results for healthcare providers as they steer their patients towards a healthier life.



DUTCH Adrenal Only DUTCH CM + Adrenal DUTCH CM + Complete DUTCH CM + Sex Hormones DUTCH Complete DUTCH Cortisol Awakening Response (CAR) DUTCH Cycle Mapping DUTCH Cycle Mapping (CM) Plus DUTCH Plus DUTCH Sex Hormone Metabolites

# Highlighted Test: Dutch<sup>®</sup> Complete Test

The Dutch Complete test is a comprehensive assessment of sex and adrenal hormones and their metabolites. It also includes the daily, free cortisol pattern, organic acids, melatonin (6-OHMS), and 8-OHdG.s.

#### **Analytical and Clinical Validation**

Precision Analytical's testing methods go through a rigorous validation process to verify accuracy, recovery, and linearity. We pride ourselves in relentlessly pursuing the most accurate and precise techniques available for testing. See the data on the next page to support the analytical and clinical validation of this powerful new testing model.

#### **The Easiest Patient Collection**

Patients collect just four or five dried urine samples over a 24-hour period. Dried samples are stable for several weeks making them convenient to ship worldwide.

#### **Effective HRT Monitoring**

DUTCH testing was designed to be optimally effective for most forms of hormone replacement therapy. Unique methods are used for improved monitoring of oral progesterone and vaginal hormones.





# Omegaquant





#### About Omegaquant:

OmegaQuant is an independent, CLIA-certified lab that offers Omega-3 Index, Vitamin D, Prenatal DHA and Mother's Milk DHA testing to researchers, clinicians and the public.

#### Leadership Team:

William S. Harris, PhD, Founder

Jason Polreis, Chief Executive Officer

Kristina Harris Jackson, PhD, RD, Director of Research Our goal is to offer the highest quality fatty acid analytical services to researchers and to provide simple tests of nutritional status to consumers, with the ultimate purpose of advancing the science and use of nutrients to improve health.

We perform fatty acid analysis in Sioux Falls, SD, for commercial and academic research collaborators, and for consumers interested in monitoring their nutritional status in both blood and breast milk.

#### We're experts in fatty acid analysis

We have analyzed samples from epidemiological and cohort studies, randomized controlled trials, experimental and animal studies. We also now can measure Vitamin D and standard lipid panels. We've also worked with clients from nutraceutical, pharmaceutical, and academic institutions. We have published more than 200 papers on fatty acids. And unlike other analytical labs, we will collaborate on papers with you, providing the expertise on fatty acids. Below are some of our specific capabilities.

#### **Healthcare Providers**

Provide OmegaQuant Testing to your Patients & Clients. We offer a range of Omega-3, Vitamin-D, Prenatal DHA, MothersMilk DHA and uMMA B12 status testing options.

Do you see some of your patients virtually? No problem – we offer solutions for both at-home testing as well as in-person testing options.



Hemoglobin A1c (HbA1c) Blood Sugar Test Methylmalonic Acid Test (uMMA) (A B12 Status Marker) Mother's Milk DHA Test Omega-3 Index Basic Test Omega-3 Index Complete Test Omega-3 Index for Dogs Omega-3 Index Plus Test Prenatal DHA Test Vitamin D Test

## Highlighted Test:

## **Omega-3 Index Complete Test**

The Omega-3 Index Complete Test measure all the fatty acids in the blood, and reports levels of all 24 fatty acids as well as the Omega-3 index, Ratios, and the Trans Fat Index.

#### This test measures:

- Omega-3 Index
- Omega-6:Omega-3 Ratio
- AA:EPA Ratio
- Trans Fat Index
- Individual fatty acid levels

#### What We Test?

Omega-3 Index Omega-6:Omega-3 Ratio AA:EPA Ratio Trans Fat Index Individual Fatty Acid Level

The Omega-3 Index test measures the amount of EPA and DHA in your blood, specifically the red blood cell membrane. Membranes, or cell walls, are made of different kinds of fats called fatty acids. We have found that having a higher proportion of EPA and DHA in the membrane tracks how much omega-3 is in your diet and is a marker of better health. Raising your Omega-3 Index to the desired zone of 8% will help ensure you are getting enough of the right omega-3s — EPA and DHA — to protect your health.

#### Your cells are made up of fats. And that's a good thing!

You can find out what fats make up your cells with the Omega-3 Index Complete test. Diet is not the only thing that determines your blood fatty acid levels – metabolism, genetics, gender, weight, age and other lifestyle factors all can play a role.



41



# Precision Analytical Inc.





#### About Precision Analytical Inc. :

Headquartered in McMinnville, Oregon, Precision Analytical is the world leader in providing extensive reporting of hormone information for healthcare providers to help address the needs of their patients.

#### Leadership Team:

Mark Newman, Founder & President

Will Fox, Chief Operating Officer

Debbie Rice, ND, MPH, Director of Clinical Education

#### Helping patients and their health care providers find answers to complex clinical questions that can affect their lives.

Precision Analytical's unique hormone testing offers an easier way for providers and patients to find answers to complex clinical questions that affect their daily lives.

Precision Analytical is a Clinical Laboratory Improvement Amendment (CLIA) certified laboratory, run by a team of dedicated scientists and onsite medical experts. They provide reports that are accurate, precise (reproducible), and simple to analyze. Precision Analytical strives for excellent lab-quality as it is critical to ensure healthcare providers make the best decisions they can for their patients.

Precision Analytical offers more than 40 different types of hormonal reporting, including Cortisol, Cortisone, Cortisol Metabolites, Creatinine, DHEAS, Melatonin, Progesterone, Testosterone, Androgen, and Estrogen Metabolites. We also offer reporting for mapping out women's cycles.

Precision Analytical's commitment comes from creating lab reports that help increase the confidence and competence of hormone testing results for healthcare providers as they steer their patients towards a healthier life.



DUTCH Adrenal Only DUTCH CM + Adrenal DUTCH CM + Complete DUTCH CM + Sex Hormones DUTCH Complete DUTCH Cortisol Awakening Response (CAR) DUTCH Cycle Mapping DUTCH Cycle Mapping (CM) Plus DUTCH Plus DUTCH Sex Hormone Metabolites

# Highlighted Test: Dutch<sup>®</sup> Complete Test

The Dutch Complete test is a comprehensive assessment of sex and adrenal hormones and their metabolites. It also includes the daily, free cortisol pattern, organic acids, melatonin (6-OHMS), and 8-OHdG.s.

#### **Analytical and Clinical Validation**

Precision Analytical's testing methods go through a rigorous validation process to verify accuracy, recovery, and linearity. We pride ourselves in relentlessly pursuing the most accurate and precise techniques available for testing. See the data on the next page to support the analytical and clinical validation of this powerful new testing model.

#### **The Easiest Patient Collection**

Patients collect just four or five dried urine samples over a 24-hour period. Dried samples are stable for several weeks making them convenient to ship worldwide.

#### **Effective HRT Monitoring**

DUTCH testing was designed to be optimally effective for most forms of hormone replacement therapy. Unique methods are used for improved monitoring of oral progesterone and vaginal hormones.





# Quicksilver Scientific





#### About Quicksilver Scientific :

Quicksilver Scientific, a leading nutraceutical company known for its cutting-edge supplements and detoxification protocols.

#### Leadership Team:

Mark Newman, Founder & President Will Fox, Chief Operating Officer

Debbie Rice, ND, MPH, Director of Clinical Education

#### Helping patients and their health care providers find answers to complex clinical questions that can affect their lives.

Located in Louisville, Colo., Quicksilver Scientific, Inc. is a leading manufacturer of premium nutraceuticals. Our mission: combine nature's nutrients with innovative science to empower people's health journey. We've pioneered a holistic solution to meet any modern health goal: testing that identifies toxicity levels; professional protocols that detoxify the body; and an evolving pharmacy of liposomal supplements. Quicksilver Scientific's advanced nanoparticle technology has resulted in the world's most sophisticated liposomal delivery system — solving the industry's "bioavailability problem" by sending the highest-quality nutrients into the cells for more direct absorption.

Our award-winning products and protocols are used by practitioners and consumers worldwide. From our Colorado headquarters and cGMP-certified lab, we quality control every batch and third-party test to meet safety and potency standards of the R&D and manufacturing processes. At Quicksilver Scientific, we're inspired by nature. Powered by science. And committed to improving the well-being of everyone we touch.



Blood Metals Panel Mercury Tri-Test Mercury Tri-Test and Blood Metals Panel

# Highlighted Test: Mercury Tri-Test and Blood Metals Panel

Quicksilver Scientific is a CLIA certified laboratory offering mercury speciation and blood metal testing for human health. The test uses state-ofthe-art testing technology, including patented mercury speciation technology, to give the most accurate and reliable metal testing availability today. The Mercury Tri-Test is the only clinical testing suite that utilize blood, hair, and urine to measure both exposure and excretion rate. The Blood Metals Panel screens a broad range of nutrient and toxic metals to show elevated exposures to toxic metals or imbalances of nutrient metals in the whole blood.

**Specimen Type:** Blood, Hair, Urine

#### Methodology:

The mercury tri-test uses a proprietary liquid chromatography-fluorescence detection system for urine and blood analysis. This system is unique in its ability to speciate different mercury forms such as inorganic and methyl mercury. The analysis for mercury in hair uses a commercial mercury analyzer. The blood metals panels uses Inductively coupled plasma/mass spectroscopy.





# RealTime Laboratories





#### About RealTime Laboratories Inc. :

RealTime Laboratories, Inc., is a Dallas-based molecular biology and microbiology laboratory specializing in the detection of fungi, yeast and mycotoxins in human and environmental samples.

#### Leadership Team:

Dave Murcott, MS, Chief Executive Officer

Jeff Hooper, MB, Chief Financial Officer

Dr. Shalini Muralidhar Ph.D., HCLD (ABB) Laboratory Director

#### Pioneers in the Hidden Dangers of Mold Exposure.

At the forefront of the war on exposure to environmental toxins, RealTimeLaboratories uses patented DNA and ELISA testing to help patients and their physicians determine the cause of illnesses related to mold and invasive fungal infections.

In addition, RealTime Labs provides pre-clinical testing services for researchers, following the same high standards used in our clinical laboratory.

RealTime Labs is a CAP accredited and CLIA certified lab that upholds the strictest standards for validity and accuracy. RealTime Labs has been involved in multiple cutting-edge, published medical research papers and continues to revolutionize medicine as it relates to mycotoxins and mold.

RealTime Lab's mycotoxin test panel is the most comprehensive available, testing for the presence of 16 of the most common and toxic mycotoxins produced by indoor mold contaminants.

RealTime Lab is one of the only labs in the U.S. that tests for Macrocyclic Trichothecenes.

RealTime Lab is accredited in the U.S. by CAP and CLIA to perform clinical mycotoxin testing.

When the COVID-19 pandemic hit the world at the beginning of 2020, RealTime Laboratories did not hesitate to invest unlimited efforts to serve our community. From developing relationships with manufacturers to secure supplies, hiring additional staff, and acquiring approval under the FDA for Emergency Use Authorization, RTL took all the steps necessary to provide timely, and accurate testing.



Aflatoxin Group (B1, B2, G1, G2) Gliotoxin Derivative Ochratoxin A Total Mycotoxin Panel Trichothecene Group Zearalenone

# Highlighted Test: Total Mycotoxin Urine Panel

Mycotoxins are well documented for their toxic effects on the human cell, causing a number of problems in normal cell function and association with a wide variety of clinical symptoms and diseases as shown here:

- Kidney Toxicity
- Cancer
- Immune Suppression
- Autism

- Acute Pulmonary Hemorrhage
- Aplastic Anemia
  - Dirth Defecto
- DepressionChronic Fatigue

Neurotoxicity

Birth Defects

#### Syndrome The Most Comprehensive Test Available - Testing for

### 16 of the Most Common and Toxic Mycotoxins

The RealTime Labs mycotoxin test detects 16 different mycotoxins, including 9 macrocyclic trichothecenes. Testing is done using competitive ELISA, a very sensitive detection method using antibodies prepared against mycotoxins. The validation testing has been published in peer reviewed journal (2009). In fact, RealTime Labs was recently granted a U.S. patent for its macrocyclic trichothecene test.

Testing for mycotoxins in humans is a simple and usually noninvasive procedure. In most cases, only a urine sample is required. Mycotoxins are small molecular weight toxic molecules produced by various species of mold, some of which inhabit water-damaged homes or buildings. Mycotoxins are particularly important because they are known to be highly toxic

BRIEF EXPLANATION ON MYCOTOXIN PANEL

and produced by species such as Stachybotrys ("black mold"), shown to be present in moldcontaminated buildings. Mold in a house isn't just a problem for people with allergies or asthma.



# SpectraCell Laboratories





#### About SpectraCell Laboratories:

SpectraCell Laboratories, Inc. has become the nation's leader in nutritional testing by utilizing the most advanced technology, providing the highest quality service to our physician clients nationwide.

#### Leadership Team:

Yan Machemer CEO & Board Member

Kathy Boggs, BS, MT(ASCP) ice President of Operations

#### The burden of chronic disease is unparalleled. Our mission is to stop it. Period.

SpectraCell Laboratories believes that every patient is biochemically unique, and as medicine progresses in the pursuit of health and wellness, the need for individualized care is becoming increasingly important. SpectraCell is disrupting the healthcare model by advocating a personalized approach to medicine as the standard of care. They do this by providing access to precision diagnostics designed to empower patients and practitioners to work together to address the underlying causes of disease and promote a healthier future.

In 1993, SpectraCell was founded with the vision of pioneering a new paradigm in medical practice, one of truly personalized healthcare. The company commenced operations to commercialize a unique, proprietary blood test that measures functional intracellular deficiencies of vitamins, minerals, amino acids, and antioxidants which reflect an individual's metabolic processes and immune status. Our understanding of the importance of biochemical individuality and the role of subclinical deficiencies in chronic disease has been the driving force behind our unique and innovative solutions.

In 2006, the company expanded their specialized offerings to include the Lipoprotein Particle Profile, using patented ultracentrifugation technology. This test provides the most advanced assessment of cardiovascular risk. Through dedication to research and development, SpectraCell continues to expand it's offerings in the areas of cardiovascular health and genetic predisposition.



**Micronutrient Test** 

**Telomere Test** 

# Highlighted Test: Micronutrient Test

SpectraCell's Micronutrient test provides the most comprehensive nutritional analysis available by measuring functional deficiencies at the cellular level. It is an assessment of how well the body utilizes 31 vitamins, minerals, amino/ fatty acids, antioxidants, and metabolites, while conveying the body's need for these micronutrients that enable the body to produce enzymes, hormones, and other substances essential for proper growth, development, and good health. Repletion recommendations are made based on need.

#### Why use the SpectraCell Micronutrient test?

What truly makes our test unique is that it measures the functional level and capability of micronutrients present within white blood cells, where metabolism takes place and where micronutrients do their job—thus taking a person's biochemical individuality into account. Unlike static serum measurements, which only assess the concentration of nutrients present outside of the cell (extracellular) and only provide a glimpse of your health, SpectraCell's Micronutrient test is a long term assessment (4-6 months) that addresses the functional impact (performance) of micronutrients—what really matters.

#### When should a micronutrient test be considered?

Extensive scientific and clinical studies spanning 50 years have repeatedly demonstrated that micronutrient deficiencies can adversely affect health. These deficiencies can set the stage for chronic disease and compromised immune health at any stage in life, particularly if they persist. SpectraCell's Micronutrient test is a long term assessment





# ToolBox Genomics





#### About ToolBox Genomics:

ToolBox Genomics works to help patients build their healthiest lives by utilizing health data to provide actionable personalized dietary and lifestyle recommendations to help reduce the risk of chronic conditions.

#### Leadership Team:

Dr. Erika Gray, Co-founder and Chief Medical Officer

#### Revolutionizing Precision Medicine through DNA & Epigenetic Insights.

Founded in 2016 by Dr. Erika Gray and Elvina Hewitt, MBA, Toolbox Genomics is a multi-service genomics company. The company identifies, compares, and correlates your genotypes with known small nucleotide polymorphisms (SNPs), which are small mutations that we know correspond with specific health statuses and conditions, to show you what makes you who you are.

Currently, Toolbox Genomics offers sequencing and interpretation for both genetic and epigenetic information.



- Cardiometabolic Panel Cognitive Panel Detox Panel Dr. Rob Gut/Brain Panel Dr. Rob Musculoskeletal Panel Dr. Rob TBI/Concussion Panel
- Endurance Performance Energy/Fatigue Panel Epigenetics Panel GI Panel Health Enrichment Hormone Panel

Immune Panel Nutrition Optimization Pharmacogenomics Panel Respiratory Resilience Weight Management

# Highlighted Test: Epigenetics Panel

Designed to help individuals understand their aging process in 4 key areas: eyes, memory, hearing, and biological age. An inflammation score is also provided which is based on inflammation genes being turned on or off.

Epigenetics are expressions of your DNA, impacted by your lifestyle and environment. The respective genes can be turned 'on' or 'off' through targeted lifestyle interventions, which can be tracked with repeat testing. Follow your epigenetic changes to take control of your genes!

#### This panel includes the following traits:

- Eye Age
- Memory Age
- Hearing Age
- Inflammation Score
- Biological Age





# TruDiagnostic





#### **About TruDiagnostic:**

TruDiagnostic's mission is to help people understand, access, and benefit from their epigenome. We also research & develop epigenetic analysis methods in the effort to create new methylation-based medical diagnostic tools.

#### Leadership Team:

Ryan Smith, VP of Business Development

Hannah Went, Director of Operations

Tavis Mendez, Lab Director

#### How fast are you aging?

TruDiagnostic is built by scientists, so all of our decisions are made with real evidence and real research. We only ever use proven processes and are committed to the high standards that allow us to be a trusted source of epigenetic information.

#### We want to revolutionize the Health and Aging industry

Biological Aging is only the first step. We've leveraged data generated in the largest private epigenetic databae in the world to create tools that look at specific methylation to detect changing disease risk. We're already running clinical trials with products that claim to reduce aging, to see if they're really as effective as they say they are.

We're working with universities and top scientists from around the world to create new methods of epigenetic identification, new algorithms, and expanding what was once an epigenetic testing lab into a full multi-omic suite.

We want to deliver the most accurate, most comprehensive epigenetic analysis that we can, without compromise.



TruAge Complete

TruAge PACE

# Highlighted Test: TruAge Complete

#### The TruAge Complete Collection:

offers an entire suite of epigenetic aging reports and aging algorithms to give you a more comprehensive picture of biological aging.

For anyone wanting to quantify how your lifestyle is changing, biological aging, we recommend DunedinPACE, only available through the TruAge Complete Collection.

This new and improved blood spot collection card makes taking a sample as easy as letting a few drops fall onto the paper.

TruAge Complete measures aging, so you can manage it.

#### **Physician Report:**

This 75+ page baseline biological report contains your biological age, EpiAge ratio, how you compare to the general population, and treatment framework

You can think of this report as a personalized literature review. Since 60 % of the methylation markers are changeable, it is crucial to know which epidemiological factors affect your biological score. This will help you identify which part of your lifestyle you can target to decrease your biological age. This report also includes general information about epigenetics, biological age, methylation markers, how this test was created, aging as a disease, how to slow your aging, and more.

#### **Patient Report:**

The patient report is an abbreviated version (7 pages) of the physician report it contains your bio age, EpiAge ratio, how you compare to the population, and treatment framework.





# US BioTek Laboratories





#### About US BioTek Laboratories:

US Biotek is a (CLIA) accredited testing facility that provides a variety of immunology and chemistry profiles to clinicians worldwide.

#### Leadership Team:

Jack Frausing, President and Chief Excutive Officer

Amy Yip, Chief Financial Officer

Seng Y. Foong, VP, Laboratory Operations

#### With over 30 years' experience in enzyme-linked immunosorbent assay technology, our dedicated team of experienced scientists and technicians utilize the latest research and technologies.

Fully automated robotic systems for our ELISA platform

- Duplicate runs of each analyte tested for immunoassay for ultimate precision
- Superior specimen integrity with finger stick whole blood specimens and Drip N' Dry urine specimens, which allow for safe shipping at room temperature

This attention to detail ensures delivery of consistent and reliable test results from our innovative immunoassays to our metabolic and pollutants profiles.

#### CLIA accredited Shoreline, Washington facility

US BioTek's Shoreline, Washington facility employs the latest laboratory technology, advanced automation, and a dedicated research team to ensure the accuracy and reproducibility of every test. We've applied 30+ years experience in laboratory science to refine and optimize the procedures we follow in our antibody assessment panels and other targeted tests, resulting in more meaningful and reliable information for providers and patients.



144 Food Sensitivity Panel
240 Food Sensitivity Panel
15 Mold Allergy Panel
27 IgE Food Allergy Panel
36 Inhalant IgE Panel
44 Food IgE Panel
48 Inhalant Sensitivity Panel
50 IgE Food Allergy Panel
50 Inhalant Allergy Panel

96 Asian Food Sensitivity Panel
96 Food Sensitivity Panel
96 IgE Food Allergy Panel
96 Japanese Food Sensitivity Panel
96 Mexican Food Sensitivity Panel
96 Vegetarian Food Sensitivity Panel
96 Vegetarian Food Sensitivity Panel
Candida Full Panel; dried blood
Celiac Panel
COVID-19 Immune Response Panel

COVID-19 Vaccine Response Screen Environmental Pollutants Profile (EPP) Organic Acids (Urinary Metabolic Profile) Organic Acids and EPP Combined Test SARS-CoV-2 (COVID-19) Diagnostic Salivary PCR Test SARS-CoV-2 (COVID-19) Diagnostic Test RT-PCR Vitamin D (total, 25-Hydroxy D2 and D3) Blood Spot

## Highlighted Test: Environmental Pollutant Profile

Long-term exposure to many common chemicals in our environment is known or suspected to have serious health consequences. Our Environmental Pollutants Profile provides quantitative measurement of 14 select metabolites that can help define an individual's toxic burden and provide valuable information for a targeted nutritional and detoxification intervention.

#### Methodology:

Liquid Chromatography/ Triple Quadrupole Mass Spectrometry (LC-MS/MS) instrumentation is used to quantitatively evaluate patient urine specimens for metabolically-derived organic acids and evidence of exposure to environmental pollutants. Our Environmental Pollutants Profile is run on this comprehensive testing platform, which offers superb separation, resolution, and identification of compounds from a complex biological mixture such as urine, yielding precise and repeatable results.

#### Specimen Type:

**Dried Urine** 





# YorkTest - Premium Food Sensitivity Testing





#### About YorkTest :

YorkTest is a leading health and wellness company with 40 years of excellence and scientific expertise in the provision of home to laboratory tests and provide effective health and wellness advice and support..

#### Leadership Team:

Richard Dawson, Chief Executive Officer

Dr. Gill Hart, Scientific Director

Gemma Callaghan, Head of Sales& Customer Service

#### Easy To Use Home-To-Laboratory Test Kit

The YorkTest premium food sensitivity test can determine sensitivity to over 200 food and drink ingredients. This test uses a simple finger-prick blood sample collected using a unique "wand" system that ensures the sample is protected and stable during transport to the laboratory, and shipping is included. Results are typically available within 5 days of the receipt of the sample.

#### Eliminate the Guesswork of Food Intolerance

Unlike other tests on the market, the YorkTest measures all four subtypes of foodspecific IgG (1-4) compared to some that only test for IgG4. This ensures all of the different food-specific IgG reactions are detected, which is important since some reactions are delayed as long as 3 days after consuming trigger foods.

#### Improve Gut Health and Immune Function

The gut is home to 70% of your immune system. You can support your patients' gut health by reducing their "immune load" and guiding them to eliminate ingredients from their diet that may be causing their immune system to become overworked.

#### **Results You Can Trust**

YorkTest is founded on almost four decades of scientific expertise, and quality assurance procedures are audited by independent authorities to ensure compliance with international regulations (ISO 13485:2016). The equipment used to perform testing is consistently maintained and calibrated to ensure accuracy, and test results are reviewed and scrutinized by trained, qualified scientists before being released. The latest information technology is employed within the laboratory processes to ensure the utmost accuracy and results with 98% and greater reproducibility rates.



Premium Food Sensitivity Test

Junior Food Interance test

# Highlighted Test: Premium Food Sensitivity Test

Knowing which foods your patients react to can help you to optimize their health.

• Measures all four subtypes of food-specific IgG.

• Receive expert, accurate analysis from fully-accredited laboratory technicians.

• Results are reported in easyto-read traffic light values: high, borderline, and normal reactivity.

• Track progress with a food and drinks diary.

• This test is not available to patients under 18 years old, or patients that are pregnant or breastfeeding.

					$\mathbf{y}$	JOLK	test <sup>°</sup>
Food Intol	eran		Tast	0.11		Idbol	atories
	ciali	Ce	lest	Gold	Client Nan	ne: System	Test
HIGH REACTIVIT	Y				Contact ID		
BORDERLINE NORMAL REACT					Sample ID:		
TETRIAL REACT					Results Da	te: 04/02/2	J21
Banana	10						
Apple	100			Beef			_
Lotus Root	100			Blackberry			0
Pineapple	100			Blackcurrant			0
Wheat	100			Blueberry			0
Apricot	100		_	Boysenberry			0
Bilberry	100			Brazil			0
Peanut	100			Buckwheat			0
Acai Berry	50			Cardamom/Bay leaf			0
Agar Agar	50			Carob Carrot			0
Anise Seed	50			Cashew			0
Barley/Malt Mix Beetroot	50			Celery			0
Cassia	50			Chamomile			0
Cherry	50			Chia Seed			0
Cucumber	50			Chicken	_		0
Duck	50			Chickpea	_		0
Elderberry/Elderflower Mix	50			Chilli Pepper			0
Goji Berry	50			Cinnamon/Clove			0
Grape (Pinot Gris/Grigio)	50 50			Cloudberry			0
Juniper	50			Cocoa Bean			0
Mango	50			Coconut			0
Pak Choi (Bok Choy)	50			Coffee			0
Pea	50			Cola Nut			0
Peppers(Capsicum)/Paprika	50		_	Coriander/Cumin/Dill			0
Plum	50			Corn (Maize)			0
Potato	50			Cow's Milk			0
Prune	50			Cranberry Crustacean Mix			0
Rapeseed Rice	50			Crustacean Mix Curry Leaves/Powder			0
Rosehip	50			Deer			0
almon/Trout	50			Eel			0
weet Potato	50			Egg White			0
urmeric	50			Egg Yolk			0
urnip	50			Garlic			0
balone/Cuttlefish	50			Ginger			0
gave			0	Ginseng (Korean/Siberian Mix)			0
mond			0	Gluten (Gliadin)			0
oe Vera			0	Goat			0
ichovy			0	Goat's Milk			0
paragus			0	Grape (Cabernet Sauvignon)			0
bergine (Eggplant)			0	Grape (Chardonnay)			0
ocado			0	Grape (Concord)			0
imboo Shoots			0	Grape (Malbec)			0
an Sprouts			0	Grape (Merlot) Grape (Pinot Noir)			0



# ZRT Laboratory





#### About ZRT Laboratory:

ZRT is a CLIA certified diagnostic laboratory and the leader in hormone and wellness testing. We provide accurate and meaningful test results that assist health care providers in making informed treatment decisions.

#### Leadership Team:

David Zava, PhD, Lab Directorand Founder

Jeff Jarrett, VP of Operations

Greg Breed, Director of Sales

# Advancing wellness through excellence in research, education, and minimally invasive testing.

ZRT Laboratory is a CLIA-certified commercial and research laboratory founded in 1998 by breast cancer researcher David Zava, Ph.D. ZRT Laboratory has pioneered innovative testing methods for hormones, neurotransmitters, heavy metals and more, offering health care professionals convenient testing options in different body fluids including saliva, dried blood spot, dried urine, and serum.

Since it began, ZRT has maintained a singular focus: providing comprehensive and meaningful test results that assist health care providers, and their patients, in making informed treatment decisions.

ZRT is the recognized leader in at-home saliva and dried blood spot collection methods for hormone and wellness testing. We proudly hold the distinction of being the lab that developed dried urine testing for hormones.

While our range of test methodologies and technologies has multiplied over the years, our commitment to end-user simplicity hasn't wavered.

With 20 years of experience and results from over 10 million tests, health care providers in all 50 states and 96 countries, and organizations worldwide including the CDC, the NIH and many renowned universities, trust ZRT's unparalleled commitment to quality.



- Adrenal Profile Adrenal Stress Profile Advanced Metabolites Profile Basic Metabolites Profile CardioMetabolic Profile Comprehensive Female Profile Comprehensive Male Profile Comprehensive Thyroid Profile
- Comprehensive Toxic and Essential Elements Profile Cortisol Awakening Response Profile (CAR) DHEA-S Diurnal Cortisol Elite Athlete Metrics Profile Elite Thyroid Profile Essential Thyroid Profile
- Estradiol (E2) Estriol (E3) Estrogen Elite Profile Estrogen Essential Profile Estrone (E1) Female Blood Profile Ferritin, Serum Fertility Profile and Many More.

## Highlighted Test: Wellness Metrics Profile

The adrenal, thyroid, and sex hormones work in concert with each other to maintain a state of balance in the body. When one or more hormones are outside optimal ranges, this affects the harmony of the whole system. The Wellness Metrics Profile identifies specific imbalances of one or more hormones that govern key aspects of our health, contributing to immunity, mood changes, energy, libido, altered metabolism, increased body fat deposition, and food/sugar cravings, and includes tests identifying increased risks for cardiometabolic disease and diabetes. The optional add-ons give a fuller picture when there are thyroid issues or symptoms of insulin resistance/metabolic syndrome.

The comprehensive test report is designed to help clinicians recommend effective treatments to rebalance sex hormone and adrenal hormone levels, address vitamin D and thyroid deficiencies, reduce overall risk for metabolic syndrome, and potentially avoid the onset of type 2 diabetes and other chronic diseases.

#### Who Benefits from Wellness Metrics Profile Testing?

Individuals with:

- Excessive fatigue
- •nWeight gain, especially in the waist (belly fat)
- Sugar cravings
- Chronic stress
- Low sex drive





# 3X4 Genetics





#### About YorkTest :

3X4 Genetics is a genetics-based foundational health company that combines advanced genetic testing, nutrigenomic education and a global network of accredited practitioners to help people listen to their bodies and make sound, daily choices to live longer, healthier and better lives.

#### Leadership Team:

Dr. Yael Joffe,PHD, Founder and Chief Science Officer

Gerrida Uys, PHD, Head of Product

Meriette Conning Meng, Head of Engineering and Technology

# How is 3X4 Genetics different from other genetic testing companies?

Rooted in science and clinical experience — 3X4 Genetics' industry-leading test is based on 20+ years of scientific research and clinical practice. Yael Joffe, PhD - 3X4's Founder and CSO - is acknowledged globally as an expert in the field of Nutrigenomics and has been building clinically valuable products for over two decades.

#### 3X4 employs a systems-based approach.

A whole-body approach to health— Instead of looking at individual gene variants (known as SNPs) in isolation, the 3X4 test uses a systems biology framework to more realistically analyse how genes work together in the body to impact overall health. The 3X4 test looks at the relationships between genes in 36 metabolic pathways in the body.

# Many practitioners consider the 3X4 genetic test to be the most comprehensive and useful nutrigenetics test available today.

Reports focused on ease and efficiency — The 3X4 Blueprint Report uses infographics, explanations and highly-actionable recommendations to give both the practitioner and patient a more meaningful user experience.



No two reports are the same!

# Highlighted Test: 3X4 Blueprint (male & female)

# Why should you take a 3X4 Genetics Test?

Genetics make up the baseline "code" by which your body functions. The impact of every single choice you make throughout your life is influenced by your personal genetic makeup. We test over 130 genes that can affect your metabolism, inflammation, detoxification, fitness, weight, hormones, cognition, and response to your diet and supplements.

By understanding how your unique genetics impact these key processes, you can make smarter, more personalized decisions about your health in order to reach your health goals, whatever they may be.

ENERGY OVERVI

PATHWAY-BASED RESULT

• Nutrient needs – What are your body's unique needs and how do you respond to certain foods? How well do you tolerate fat and carbs? What's your vitamin D need? Do you require extra antioxidants and Omega-3 fats compared to others? Should you limit gluten, salt or caffeine?

• Fitness strengths – What type of exercise will your body respond best to? How can you train smarter in alignment with your genes, for better performance, faster recovery and fewer injuries?

• Proactive prevention – Is your body more prone to high blood pressure, high blood sugar, or high cholesterol? How can you support your cardiovascular system and your immune system for more resilience as you age? We also look at processes like your inflammation, detoxification, methylation and more.

 Ideal Weight - Why does your body resist weight loss and how can you manage your weight in a healthy way that is personalized to your unique body?

#### CELLULAR OVERVIEW

We are the sum of our cells, and we are only as healthy as they are. Every cell in your body functions independently- like a and apartment or office space inside a high-rise building - each unit takes care of its own day-to-day maintenance, but ultimately contributes to the overall success and functionality of the building as a whole. Similarly, every cell in your body has its own mechanisms in place to dean and pretext. It to maintain health for the whole body and all its organs.



61



# Wholesale In-Office Rapid Testing

Test Profile	Description	Quantity
Alcohol Testing		
ALCOScreen .02% Saliva Alcohol Test		24/box
Diabetes Testing		
Hemocue Glucose 201 System Promo		Promo pak
Drug Testing		
5-Panel Rapid Drug Test Card	(BZO, COC, MET, OPI 300, THC)	25/box
5-Panel Rapid Drug Test Cup	(THC, COC, OPI 300, MET 500, AMP)	25/box
7-Panel Rapid Drug Test Cup	(THC, COC, OPI300, mAMP, MTD, OXY, BZO)	25/box
9-Panel Rapid Drug Test	(AMP, BAR, BZD, COC, MET 100, MOR 300, MTD, PCP, THC)	25/box
9-Panel Rapid Drug Test	(COC300, OPI300, MET500, THC50, AMP1000, BZO300, BAR300, MTD300, OXY100)	25/box
12-Panel Rapid Drug Test	(THC, COC, MOR300, AMP, PCP, mAMP,BZD, BAR, MTD, TCA, PPX, XTC)	20/box
12-Panel Rapid Drug Test Card	(AMP, BAR, BUP, BZO, COC, MDMA, MET, MTD, OPI, OXY, PCP, THC + Adulterants)	25/box
12-Panel Rapid Drug Test Card	(AMP, BAR, BUP, BZO, COC, MDMA, MET, MTD, OPI, OXY, PCP, THC)	25/box
12-Panel Rapid Drug Test Cup	(THC, COC, OPI300, AMP, mAMP, PCP, BAR, BZO, MTD, OXY, TCA, XTC + adulterants)	25/box
12-Panel Rapid Drug Test Cup	(THC, COC, OPI300, AMP, mAMP, PCP, BAR, BZO, MTD, OXY, XTC, BUP + adulterants)	25/box
14-Panel Rapid Drug Test Card	(AMP, BAR, BUP, BZO, COC, EDDP, MDMA, MET, MTD, OPI, OXY, PCP, THC, TCA)	25/box
14-Panel Rapid Drug Test Card	(AMP500, BAR300, BUP10, BZO300, COC150, EDDP300, MDMA500, MET500, MTD300, OPI300, OXY100, PCP25, TCA1000, THC50)	25/box
Drug Test Collection and Lab Supplies		
14-Panel Rapid Drug Test Cup	THC 50, BUPG 10, COC 150, OPI 300, AMP 500, mAMP 500, PCP 25, BAR 300, BZD 300, MTD 300, MDMA 500, OXY 100, TCA 1000, PPX 300)	25/box
Nitrile Powder Free Small Gloves		100/pack
Nitrile Powder Free Medium Gloves		100/pack
Nitrile Powder Free Large Gloves		100/pack
Nitrile Powder Free X-Large Gloves		100/pack
Fecal Ocult Testing		
Fecal Occult Blood Rapid Test		10/box
Flu, Strep and RSV		
Strep A Rapid Test		30/box
Jltra Influenze Rapid Test, A & B		25/box
Infectious Disease Testing		
COVID-19 Rapid Antigen Tests		20/box
H. pylori Rapid Tests		25/box
HCV Rapid Antibody Tests		25/box
HIV-1/2 Antibody Rapid Tests		25/box
Mononucleosis (Mono) Rapid Tests		27/box



# Call today to place your order! (888) 852-2723

Test Profile	Description	Quantity
Infectious Disease Testing - continued		
Respiratory Syncytial Virus (RSV) Rapid Test Kits		20/box
Rotavirus Rapid Testing Kits (Stool)		20/box
Rubella IgG Anitbody Rapid Tests		30/box
Lipid Testing		
Total Cholesterol + HDL Cholesterol + Glucose		10/box
Rapid Test Cassettes		10/000
Metabolic Testing		
iSTAT Chem 4 Rapid Test Cartridges		25/box
iSTAT Chem 8 Rapid Test Cartridges		25/box
TSH Rapid Test	(Whole Blood)	20/box
Nicotine Testing		
NicCheck Controls		2 x 12ml-set
NicCheck Test Kits		50/box
Urinalysis Testing		
10 panel Urinalysis Reagent Strips	(Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, Glucose)	100/bottle
Clinistrip 10 Parameter Urinalysis Strip (CE mark)		100/bottle
Ketone Urine Reagent Strips		100/bottle
Liquid Urinalysis Controls (3 x 2 x 15mL)		3 x2 x 15mL- set
Microalbumin Strips (2 in 1) test strips	(Creatinine and Microalbumin)	100/bottle
Urinalysis Test Strips for Glucose and Protein		100/bottle
Women's Health		
Bacterial Vaginosis Rapid Test		25/box
Pregnancy Urine Test	(Cassette)	25/box
Pregnancy Urine Test	(Cassette)	50/box
Pregnancy Urine Test	(Dip-strip)	50/box
Trichomonas Rapid Test		25/box

63

# evexia nutraceuticals

Evexia Nutraceuticals<sup>™</sup> is the healthcare professional's trusted source for research-backed nutraceutical products of superior quality. By providing complete support through our extensive product line we maximize the potential for successful outcomes. Evexia Nutraceuticals in combination with our offered services not only set us apart, but indicate the depth of our commitment to you and your patients health.



Guaranteed Non-GMO Ingredients · Vegetarian Friendly Gluten Free · GMP-Good Manufacturing Practice

> As evidence of our exceptionally high - quality standards, we maintain a strict quality policy and vendor qualification program. We guarantee that every nutraceutical contains only qualified, superior raw materials and meets the required specifications for quality and purity. Our nutraceuticals are manufactured at FDA inspected facilities with stringent internal quality control procedures and documentation systems that conform to NSF/ANSI Standard 173 and the requirements of the FDA Dietary Supplement Good Manufacturing Practices(GMPs).

#### AVAILABLE IN THE MOST POPULAR HEALTH CATAGORIES



Now you can choose from almost 140 products in 19 different categories. A better selection means better solutions for your patients. We encourage you to review our carefully curated products to learn more about what is available and how they can be an effective part of your patients' pathway to wellness.



## INDIVIDUAL WELLNESS MANAGEMENT PLAN USING EVEXIA NUTRACEUTICALS<sup>™</sup>

With the information provided in the Functional Health Report, healthcare professionals and patients can use recommendations for Evexia Nutraceuticals along with lifestyle changes and a nutrition-focused diet, to address the causes of their health conditions.

## INTEGRATIVE CARE CYCLE AND EVEXIA NUTRACEUTICALS

Evexia Nutraceuticals are an important part of the Integrative Care Cycle as they play a key role in the Care delivery portion of the cycle.



www.evexianutraceuticals.com



# Evexia supports all types of healthcare providers.





# How Can Evexia Help You?



# Traditional Clinicians

Evexia gives you the ability to say goodbye to co-payments, ditch frustrating insurance carriers, and start enjoying a more streamlined and efficient practice, so that you can do what you do best - help your patients lead healthy, happy lives.



# Health Coaches

Our internal physicians' network allows access to lab ordering for non-licensed practitioners like health coaches. Our credentialed physicians review and approve the orders in real-time so that health coaches can enjoy the same access as their licensed colleagues.



# **Nutritionists**

Not all nutritionists are licensed practitioners. If you fall under this category, Evexia can help you by giving you access to dozens of the nation's most trusted testing labs, and allowing you to order labs through our internal physician's network.

# **General Benefits for All**

- A direct connection with dozens of the nation's most trusted testing labs
- Discounted pricing with a cash model that doesn't require insurance
- More streamlined testing and lab results for a more efficient practice
- Higher customer satisfaction and enhanced customer service
- Valuable insights from an experienced doctor, thanks to our Ask the Doctor service
- One single portal for all testing and laboratory services

67







#### Training

Legal services are an important consideration for any business owner, but especially for small business owners, who often face a number of legal hurdles. Evexia Business Solutions helps your practice navigate legal issues that you may commonly encounter.



#### Marketing

Evexia Practice Management Solutions done-for-you-marketing team is an all-inclusive team which focuses on results, not actions. With each marketing campaign, designing of a landing page or launch of an advertisement, we think "Is this going to generate new patient leads?" Our grassroots and guerilla style marketing campaigns mixed with synergistic conventional advertising takes marketing for new patients to a new level.



#### Staffing

If you don't have the right employees, patient care can quickly dwindle as you are forced to handle these tasks – usually in your free time. This means burnout is on the horizon – for you AND your employees. Business decisions come down to two things – time and money. Save time by leaving the hiring process to us – while we help you efficiently use this free time to build revenue within your practice.

## More Patients. More Money. More Freedom.





#### **Training Experts**

With 70+ years combined experience; we know how to build practices.



#### **Specialized Experience**

Our team only works with integrative-, functional-, and nutrition-based medical practices.



#### **Proven Systems**

We utilize turnkey systems which have been used and tested for success in actual practices.



#### **Results Focused**

As a results-oriented company, we focus on outcomes, not actions.

E	3
2	6

#### **Committed Team**

Achieving goals and accelerating practice growth is what we live and breath

|--|

#### **Innovative Leaders**

Disrupting the conventional medical model is our expertise.

#### Visit evexiapracticesolutions.com for more information and setup a live consultation





Toll Free (888) 852-2723
Fax (888) 952-2723
Email info@EvexiaDiagnostics.com
18 Titus Road, P.O. Box 1272, Washington, CT 06793
www.EvexiaDiagnostics.com

© 2024 Evexia Diagnostics • 01/24