

Your body is always  
talking. It's time you found  
out what it's saying.

# Biophysical250™

is the single most  
comprehensive, most  
advanced health  
assessment available.



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“ The beauty of the Biophysical250 is it put me in the driver’s seat. It gave me detailed information about the state of my body and enabled me to decide what to do about it.”

[David Turnbull, Director of Business and Channel Development, UGS]

Your body is constantly changing. It is redefining itself each and every day. Some of the changes it goes through are detectable: adding a few pounds; pulling a muscle working out; or maybe catching the flu. But what about the changes that aren’t so easily detectable? The subtle changes that carry no symptoms, and that standard tests and exams don’t or can’t uncover. The ones that sometimes pose a threat to your health and well-being; that uncover issues you would do something about as early as possible, if only you knew.

Introducing Biophysical250 from Biophysical™ Corporation. The ultimate health assessment to help you take control of your body’s care for the rest of your life.

The Biophysical250 is not a predictor of future possible risk. Its in-depth and comprehensive information about the state of your current medical condition gives you an option others might not have: The power to do something about it. Today.

Everything happening in your body right now is manifesting itself in your blood, through the changing levels of the many “biomarkers” that comprise your blood. Biomarkers are the chemicals and proteins in your blood (like cholesterol, prostate-specific antigen (PSA), estrogen, and glucose) that reflect your health. Yet, typical annual physicals evaluate only a few health conditions, and most routinely only look at 20-40 biomarkers, leaving critical aspects of your health ignored.

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**“The difference between the Biophysical250 and standard blood tests for wellness assessment is the difference between night and day.”**

[Bruce A. Friedman, M.D., Professor of Pathology, University of Michigan Medical School]

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	RESULTS		NORMAL RANGE	
Biomarkers routinely screened	Cholesterol	210	Less Than	200
	LDL	115	Less Than	100
	HDL	42	Greater Than	40
Additional biomarkers screened by Biophysical250	CRP	0.82	Less Than	3
	Lp(a)	546	Less Than	300
	MCP-1	1520	Less Than	700
	FGF	6420	Less Than	400
	MMP-2	3340	Less Than	200

In this case, the routinely screened cardiovascular biomarkers are within normal ranges. The screening of additional biomarkers reveals a much different picture—the person in this case is actually at serious risk for a heart attack.

That’s changed with the Biophysical250. Biophysical250 takes a more comprehensive approach to your blood chemistry by measuring more than 250 individual blood-based biomarkers—biomarkers that are recognized and well-known by most medical specialists. Analyzing this information—the earlier, the better—means you can take control of your own body and make health care decisions knowledgeably and thoughtfully with your physician when your options are the widest.

Perhaps the greatest asset of Biophysical250 is that it indicates potential diseases and conditions that have associated treatment options—diseases and conditions you can actually do something about. By challenging the “symptom-first” standard in medicine, Biophysical250 provides the ability to catch diseases and conditions often before they even show symptoms. Chronic heart disease and cancer, for example, can progress in your body for years without obvious symptoms. But even then, a single test often isn’t enough to identify a problem. As shown in the chart above, the most widely recognized

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**“For me, the top benefit of having the Biophysical250 health assessment is peace of mind. With any single physician or with any single procedure, there is never a certainty that you have captured all of the indicators of possible health problems.”** [Ambassador Eugene Douglas, Former U.S. Ambassador]

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cardiovascular biomarker is cholesterol. Cholesterol alone, however, does not offer a complete picture of cardiovascular health. There are several cardiovascular biomarkers that if examined together, or “stacked,” create a much more comprehensive assessment of a person’s risk for cardiovascular disease, while also reducing the potential for false positives. For example, a person may have levels of cholesterol, LDL, HDL, and CRP—the biomarkers most routinely examined in executive physicals—that are all within the normal range. When additional biomarkers—including Lp(a), MCP-1, FGF, and MMP-2—are examined and discovered to be well beyond the acceptable ranges, though, it becomes clear that a person thought to be in good health may actually be at serious risk for a heart attack.

Know more. Know earlier. With a truly comprehensive profile of your personal health.

ALERT ■  
CAUTION ■  
LOW RISK ■

## Biophysical250

### ESTABLISHED BIOMARKERS

C-REACTIVE PROTEIN ■  
CHOLESTEROL ■  
CREATINE KINASE MB ■  
CREATINE KINASE, TOTAL ■  
FERRITIN ■  
FIBRINOGEN ■  
HAPTOGLOBIN ■  
HIGH-DENSITY LIPOPROTEIN ■  
HOMOCYSTEINE ■  
LOW-DENSITY LIPOPROTEIN ■  
LOW-DENSITY LIPOPROTEIN/HIGH-DENSITY LIPOPROTEIN RATIO ■  
TRIGLYCERIDES ■  
von WILLEBRAND FACTOR ■

### SPECIALIZED BIOMARKERS

APOLIPOPROTEIN AI ■  
B-TYPE NATRIURETIC PEPTIDE ■  
ENDOTHELIN 1 ■  
LIPOPROTEIN (a) ■  
MYELOPEROXIDASE ANTIBODY ■  
MYOGLOBIN ■  
PLASMINOGEN ACTIVATOR INHIBITOR TYPE 1 ■  
PROLIFERATING CELL NUCLEAR ANTIGEN ANTIBODY ■  
PROTEINASE 3 ANTIBODY ■

### EMERGING BIOMARKERS

APOLIPOPROTEIN CIII ■  
APOLIPOPROTEIN H ■  
FATTY ACID BINDING PROTEIN ■  
FIBROBLAST GROWTH FACTOR-BASIC FORM ■  
HEAT SHOCK COGNATE PROTEIN 70 ANTIBODY ■  
HEAT SHOCK PROTEIN 32 ANTIBODY ■  
HEAT SHOCK PROTEIN 65 ANTIBODY ■  
HEAT SHOCK PROTEIN 71 ANTIBODY ■  
HEAT SHOCK PROTEIN 90 ALPHA ANTIBODY ■  
HEAT SHOCK PROTEIN 90 BETA ANTIBODY ■  
PREGNANCY-ASSOCIATED PLASMA PROTEIN A ■

Cardiovascular refers to the heart (cardio) and blood vessels (vascular). Heart disease is any disorder that affects the heart's ability to function normally. The most common cause of heart disease is narrowing or blockage of the coronary arteries, which supply blood to the heart itself. A number of biomarkers are associated with the process and effects of cardiovascular disease.

■ **C-REACTIVE PROTEIN** C-reactive protein (CRP) is a protein produced in the liver, whose levels rise dramatically in the presence of inflammation or infection. Although not a telltale diagnostic sign of any one condition, CRP may be measured to check for rheumatoid arthritis or to measure a patient's response to treatment. As a marker of inflammation, CRP has also been established as an important predictor of cardiovascular risk. As an acute phase reactant, CRP can be used as a general screening aid for inflammatory diseases, infections, and neoplasms. In addition, CRP in large concentrations (>5 mg/dL) predicts progression of erosions in rheumatoid arthritis. Elevated serum CRP is characteristic of bacterial, but not viral, meningitis or meningoencephalitis. Elevated CRP levels are also associated with an increased risk of myocardial infarction in patients with stable and unstable angina and predict the risk of first myocardial infarction and ischemic stroke in apparently healthy individuals.

■ **CHOLESTEROL** Cholesterol is a lipid that is found in our diet as well as manufactured by the liver. It is an important component in a variety of hormones.

John Doe

### Cardiovascular Biomarkers

Included in your assessment are evaluations of:

**CARDIOVASCULAR DISEASE**  
(such as risk for heart attack and stroke)

**CANCER**  
(including breast, colon, liver, ovarian, prostate, and pancreatic)

**METABOLIC DISORDERS**  
(such as diabetes and metabolic syndrome)

**AUTOIMMUNE DISEASE**  
(including rheumatoid arthritis and lupus)

**VIRAL AND BACTERIAL DISEASES**  
(such as mononucleosis and pneumonia)

**HORMONAL IMBALANCE**  
(including menopause, testosterone deficiency, and thyroid deficiency)

**NUTRITIONAL STATUS**  
(such as vitamin deficiencies and protein deficiencies)

This is just a portion of the total report, yet it illustrates the incredible detail provided by Biophysical250. There are 33 biomarkers for cardiovascular disease alone.



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“ The Biophysical250 health assessment has the potential to identify a presymptomatic disease. This could move an individual into a diagnostic track and literally prevent the disease from developing, by initiating treatment early on when there’s a greater chance for a positive outcome.”

[ Norman H. Chenven, M.D., Founder & Executive Vice President, Austin Regional Clinic ]

Do you have 30 minutes to change your life? A half hour and a small blood sample (approximately two tablespoons) are all it takes to provide you with the most detailed and comprehensive report on the state of your body. No waiting room. No doctor’s offices. We can come to you in your home, your office, virtually anywhere.

We start with getting a medical history, draw a small blood sample, and that’s it. Your sample is sent immediately to our laboratory for analysis.

Within 15 business days, you will be contacted to schedule a private telephone consultation with one of our Biophysical physicians.\*

You also receive a comprehensive, easy-to-read report analyzing all the biomarkers that comprise Biophysical250, as well as a copy for your own physician. The findings are color-coded to make them easy to read and are accompanied by a detailed glossary, arranged by category, and prioritized with an explanation of their significance. At your request, and

only with written permission from you, we will also arrange a conference call with your personal physician concerning your results. Rest assured, no one is allowed access to your results without your written permission.

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“I was impressed with the way my health assessment was presented to me and my physician. In addition to the detailed report and consultation with a Biophysical physician, Biophysical also prepared a comprehensive letter that outlines the results of my health assessment to my physician. I plan to send this letter to my doctor, so that he has this information prior to my next physical exam.” [Jos DenHartog]

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“ I was in the hospital with a rare disorder and was in danger of losing my eyesight. My physician had already consulted with the National Institutes of Health and had made a diagnosis when she decided to have the Biophysical250 health assessment performed on my blood. The assessment confirmed her diagnosis and enabled her to follow through on her treatment strategy with confidence.” [Ms. Renee Lewis, President, Lewis & Partners, LLC]

Historically, comprehensive blood analysis such as Biophysical250 was not used outside of clinical research due to the large volume of blood required as well as the associated costs. For example, testing 250 biomarkers individually in a series of laboratories would cost upwards of \$40,000. Not to mention the amount of blood you would have to give. Yet with this proprietary program now available, Biophysical250 needs only about two tablespoons of blood and costs \$3,400 for all services, materials, and consultations. A rather small investment for the priceless information you receive.

With the 21st century comes a new standard of health care, taking the annual physical a step further, a leap even. Biophysical250 is the must-have assessment of your body that can prove to be a key to your preventative health care. Simply because it provides you with the most vital tool you can have for your

future health care decisions: knowledge about what’s happening inside your body. Right now.

Not only will you know more about your health, you’ll know it earlier, when you may be able to do something about it.

Isn’t it time you give yourself and your family peace of mind? Isn’t it time you understand what your body is telling you, inside and out? Isn’t it time you take control of your health?

Your body’s talking. The sooner you find out what it’s saying, the better off you’ll be. Get Biophysical250.

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“I plan to have the Biophysical250 health assessment annually to monitor my health.” [Ms. Renee Lewis]

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\*Biophysical250 results do not constitute a medical opinion or advice. These test results are not medical care, treatment, a treatment recommendation, or a diagnosis. Communication with medical professionals employed by Biophysical Corporation about the Biophysical250 or its results does not establish a physician-patient relationship.

The Biophysical250 is designed to identify early signs of potential health risk. The assessment does not look for all diseases or health conditions. The Biophysical250 is not a substitute for a full medical examination by your physician.

The Biophysical250 program does not require approval by the Food and Drug Administration for diagnostic or clinical use.

For additional specifics on this disclaimer, visit [www.biophysicalcorp.com](http://www.biophysicalcorp.com), or call 800 532 7092 to request a copy.

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# Biophysical250

Your Biophysical250 report groups biomarkers into groups based on their association with organ systems and organ systems functions. These panels include biomarkers specific for autoimmune, cardiovascular disease, cancer, cell signaling, diabetes, endocrine function, hematology, immune/inflammation, infectious disease, nutrition, organ systems function, and osteoarthritis.

- Low** indicates that your test results are within a range considered typical for healthy individuals.
- Alert** indicates a biomarker that is slightly out of the normal range and should be monitored for its velocity of change over time.
- Blaze** indicates that your test results for that particular biomarker are significantly outside of the normal range and may require further testing, after consultation with your personal physician.

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Guide to Your Biophysical250 Report

Autoimmune Biomarkers

Cancer Biomarkers

Cardiovascular Biomarkers

Diabetes Biomarkers

Osteoarthritis Biomarkers

Hematology Biomarkers

Immune/Inflammation Biomarkers

Infectious Disease Biomarkers

Nutritional Biomarkers

Organ Systems Biomarkers

Endocrine Biomarkers

# Biophysical250™

Biomarker Report

# Biophysical250™

Glossary of Biomarkers

The comprehensiveness of Biophysical250 is its greatest asset. It delivers a more complete assessment of the many metabolic processes and organ systems simultaneously. And it does so in an easy-to-understand, color-coded categorical system prioritized by significance.