Optimal DX

Suggested Blood Panels Comparison Sheet

Biomarkers	ODX Vital	ODX Max	ODX Ultimate
Glucose Reg.			
Glucose	•	•	•
Hemoglobin A1C	•	•	•
Insulin - Fasting		•	•
C-Peptide			•
Kidney Health			
BUN	•	•	•
Creatinine	•	•	•
BUN/Creatinine Ratio	•	•	•
eGFR	•	•	•
Prostate Health			
PSA			•
Electrolytes			
Sodium	•	•	•
Potassium	•	•	•
Chloride	•	•	•
CO2	•	•	•
Sodium/Potassium Ratio	Calculated for you	Calculated for you	Calculated for you
Enzyme			
Amylase			•
Lipase			•
Metabolic Health			
Anion gap	Calculated for you	Calculated for you	Calculated for you
Uric Acid	•	•	•
Creatine Kinase		•	•
Protein - Total	•	•	•
Albumin	•	•	•
Globulin - Total	•	•	•
Albumin/Globulin Ratio	•	•	•

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Biomarkers	ODX Vital	ODX Max	ODX Ultimate
Liver & GB Health			
Alk Phos	•	•	•
AST (SGOT)	•	•	•
ALT (SGPT)	•	•	•
GGT	•	•	•
LDH	•	•	•
Bilirubin - Total	•	•	•
Bilirubin - Direct	•	•	•
Bilirubin - Indirect	•	•	•
Iron Health			
Iron – Serum	•	•	•
Ferritin	•	•	•
TIBC	•	•	•
UIBC	•	•	•
% Trans. saturation	•	•	•
Lipids			
Cholesterol - Total	•	•	•
Triglycerides	•	•	•
LDL-C	•	•	•
HDL-C	•	•	•
Non-HDL Cholesterol	•	•	•
Cholesterol/HDL Ratio	•	•	•
Triglyceride/HDL Ratio	Calc.	Calc.	Calc.
VLDL Cholesterol			•
LP (a)		•	•
Apo A-1			•
Apo B		•	•
Thyroid Health			
TSH	•	•	•
Total T4			•
Free T4	•	•	•
Total T3			•
Free T3	•	•	•
T3 Uptake			•
FTI (T7)			Calc.

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Biomarkers	ODX Vital	ODX Max	ODX Ultimate
Reverse T3		•	•
FreeT3:Reverse T3		Calculated for you	Calculated for you
Free T3:Free T4	Calculated for you	Calculated for you	Calculated for you
Inflammation			
Fibrinogen Activit			•
Hs CRP	•	•	•
Homocysteine		•	•
ESR	•	•	•
C-Reactive Protein	•	•	•
Vitamins & Minerals			
Vitamin D (25-OH)	•	•	•
Folate		•	•
Vitamin B12		•	•
Calcium	•	•	•
Phosphorus	•	•	•
Magnesium - Serum	•	•	•
Magnesium – RBC		•	•
Zinc - Serum			•
Calcium/Albumin Ratio	Calculated for you	Calculated for you	Calculated for you
Calcium/Phosph Ratio	Calculated for you	Calculated for you	Calculated for you
Hormonal Health			
DHEA-S		•	•
Cortisol Total/AM		•	•
IGF-1		•	•
Estradiol		•	•
Testosterone Total		•	•
Testosterone Free		Calculated for you	Calculated for you
Test. Bioavailable		Calculated for you	Calculated for you
Progesterone			•
SHBG		•	•
CBC			
RBC	•	•	•
Retic. Count		•	•
Hemoglobin	•	•	•
Hematocrit	•	•	•
MCV	•	•	•
MCH	•	•	•

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Biomarkers	ODX Vital	ODX Max	ODX Ultimate
MCHC	•	•	•
Platelets	•	•	•
RDW	•	•	•
Immune Health			
Total WBCs	•	•	•
Immature Granulocytes - %	•	•	•
Neutrophils - %	•	•	•
Bands - %	•	•	•
Lymphocytes - %	•	•	•
Monocytes - %	•	•	•
Eosinophils - %	•	•	•
Basophils - %	•	•	•
Immature Granulocytes -Absolute	•	•	•
Neutrophils - Absolute	•	•	•
Lymphocytes - Absolute	•	•	•
Monocytes - Absolute	•	•	•
Eosinophils - Absolute	•	•	•
Basophils - Absolute	•	•	•

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Add-Ons

In addition to the biomarkers on the panels above, there are extra biomarkers available in the software that can be added to the panels.

* Biomarkers marked with (*) are calculated in the software

Biomarkers	Category
LH	Hormone
FSH	Hormone
Anti-Mullerian Hormone (AMH)	Hormone
Pregnenolone	Hormone
Prolactin	Hormone
Gastrin	Hormone
Cortisol PM	Hormone
Cortisol:DHEA-S Ratio	Hormone
Parathyroid Hormone	Hormone
Leptin	Hormone
IGF-1	Hormone
DHT	Hormone
Test. - % Bioavail.	Hormone
Aldosterone	Hormone
Anti-Mullerian Hormone	Hormone
Thyroglobulin Abs	Thyroid
Anti-TPO Abs	Thyroid
Thyroglobulin	Thyroid
Thyrotropin Receptor Antibodies (TRAbs), Serum	Thyroid
Free T3:Free T4 Ratio	Thyroid
Free T3:Reverse T3 Ratio	Thyroid
Thyroid-Binding Globulin (TBG)	Thyroid
Thyroid Binding Globulin	Thyroid
Creatine Clearance	Kidney
Cystatin C	Kidney

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Biomarkers	Category
1,5-Anhydroglucitol	Blood Sugar
Triglyceride-Glucose Index (TyG)	Blood Sugar
Adiponectin	Blood Sugar
Fructosamine	Blood Sugar
Glucose, Non-Fasting	Blood Sugar
Estimated Average Glucose (eAG)	Blood Sugar
*HOMA2-%S	Blood Sugar – Calculated for you if you have Glucose Fasting, + either Insulin or C-Peptide
*HOMA2%B	Blood Sugar – Calculated for you if you have Glucose Fasting, + either Fasting Insulin or C-Peptide
*HOMA2-IR	Blood Sugar – Calculated for you if you have Glucose Fasting, + either Fasting Insulin or C-Peptide
*QUICKI	Blood Sugar – Calculated for you if you have Glucose Fasting and Fasting Insulin
ALT:AST Ratio	Blood Sugar - Calculated for You
1.5 Anhydroglucitol Glycomark®	Blood Sugar
Testosterone - % Free	Hormones - Calculated for You
Active B12	Nutrients
Ceruloplasmin	Nutrients
Selenium - Serum	Nutrients
Complement C3	Proteins
Complement C4	Proteins
NT-proBNP	Proteins
Biomarkers	**Category**
EBV Ab VCA, IgG	Epstein Barr Virus
EBV Ab VCA, IgM	Epstein Barr Virus
EBV Nuclear Antigen Ab, IgG	Epstein Barr Virus
EBV Early Antigen Ab, IgG	Epstein Barr Virus
H. pylori IgG	H Pylori
IgA, serum	Immunoglobulins
IgE, serum	Immunoglobulins
IgG, serum	Immunoglobulins
IgM, serum	Immunoglobulins

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Transferrin	Iron
Lp-PLA2	Cardiometabolic
Lp-PLA2 Activity	Cardiometabolic
Biomarkers	**Category**
Osteocalcin	Bone
Collagen Cross-Linked NTx (Urine)	Bone
D-Dimer	Inflammation
Myeloperoxidase (MPO)	Inflammation
GlycA	Inflammation
Platelet:Lymphocyte Ratio	Inflammation – Calculated for You
Asymmetric Dimethylarginine (ADMA)	Inflammation
Symmetric Dimethylarginine (SDMA)	Inflammation
Trimethyl N-oxide (TMAO)	Inflammation
Glutathione – Total	Inflammation
Diamine Oxidase Activity (DAO)	Enzymes
G6PD	Enzymes
Reticulocyte Count	CBC
Neutrophil:Lymphocyte Ratio (NLR)	Immune – Calculated for You
Omega-3 Index	Essential Fatty Acids
Small Dense LDL-Cholesterol (sdLDL-C)	Lipids
Oxidized LDL	Lipoproteins
Apo B:Apo A-1 Ratio	Lipoproteins – Calculated for You
LDL Particle Number (LDL-P) (NMR)	Lipoproteins
LDL Size (NMR)	Lipoproteins
Small LDL-P (sdLDL) (NMR)	Lipoproteins
HDL Particle Number (HDL-P) (NMR)	Lipoproteins
HDL Particle Size (NMR)	Lipoproteins
Large HDL Particles (NMR)	Lipoproteins
VLDL Size (NMR)	Lipoproteins
Large VLDL Particle Number (NMR)	Lipoproteins
LDL Particle Number (ION)	Lipoproteins

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Small LDLs (ION)	Lipoproteins
Medium LDLs (ION)	Lipoproteins
Large HDLs (ION)	Lipoproteins
LDL Peak Size (ION)	Lipoproteins
Biomarkers	**Category**
LDL Pattern Risk: Optimal Pattern A; High Risk Pattern B (ION)	Lipoproteins
Vitamin C	Nutrients
Calcium, Ionized	Nutrients
Copper, Serum	Nutrients
Copper, RBC	Nutrients
Copper:Zinc Ratio	Nutrients
Selenium, RBC	Nutrients
Chromium	Nutrients
Iodine	Nutrients
Vitamin D 1,25(OH)2D, Calcitriol	Nutrients
Vitamin B6	Nutrients
Methylmalonic Acid	Nutrients
Vitamin A, Retinol	Nutrients
Zinc - RBC	Nutrients
Folate - RBC	Nutrients

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