

BOSTON HEART DIAGNOSTICS

TEST MENU

Boston Heart exclusive tests

Base your ordering decisions on medical necessity. For additional information on each test, consult the Boston Heart Test Menu on our website (bostonheartdiagnostics.com).

Exclusive Tests

-  Boston Heart CVMap
-  Boston Heart Cholesterol Balance®
-  Boston Heart Fatty Acid Balance™*
-  Boston Heart HDL Map®
-  Boston Heart LipoMap®
-  Boston Heart GI Balance
-  Boston Heart Prediabetes Assessment®
-  Boston Heart Beta Cell Function and Risk Score
-  Boston Heart Statin-Induced Myopathy (SLC01B1) Genotype
-  Boston Heart Polygenic Risk Map™

Lipids

ApoA-I
Apo-B*
ApoB/ApoA-I
Direct LDL-C*
HDL-C*
HDL-C/TG Ratio
HDL Particle Number
LDL Particle Number
Lp(a)*
Non-HDL-C
sdLDL-C*
Total Cholesterol*
TC/HDL-C Ratio
Triglycerides*
VLDL-C
VLDL-C/TG Ratio

Metabolics

Glucose*
Adiponectin
Glycated Serum Protein (GSP)
Fructosamine
HbA1c*
Insulin
C-Peptide
HOMA-B (Beta Cell Activity)
HOMA-IR (Insulin Resistance)
HOMA-S (Insulin Sensitivity)

Inflammation and Oxidation

hs-CRP*
LpPLA₂ Activity
Myeloperoxidase (MPO)
Fibrinogen
IL-6 (Reference Ranges for CVD or COVID19)
OxLDL
OxPL-apoB
TMAO

Genetics

ApoE (CVD/Dementia Risk)*
Factor V Leiden (Clot Formation)*
Factor II (Clot Formation)*
CYP2C19 (Clopidogrel Response)*
SLC01B1 (Statin-Induced Myopathy)*
MTHFR (Folate Metabolism)*
LPA (Aspirin Benefit)*
KIF6 (Statin Benefit)*
9p21 (Premature CVD Risk)*
4q25 (Atrial Fibrillation Risk)*
Haptoglobin (Vitamin E in Diabetes)*

Hormones

Sex and Adrenal Hormones

Aldosterone
Cortisol*
DHEA-S*
Estradiol
FSH*
LH*
Progesterone
Prolactin
PSA, Total*
PSA, Total with reflex to Free PSA
SHBG*
Testosterone, Free*
Testosterone, Total*

Thyroid and Parathyroid

TSH*
TSH with reflex to TT3 and FT4
T3, Free and Total
T4, Free and Total
Thyroglobulin Antibody (Anti-TG)
Thyroid Peroxidase (TPO) Antibody
Parathyroid Hormone

Liver and Kidney

Liver

ALT
AST
Alkaline Phosphatase
Bilirubin, Total and Direct
Gamma Glutamyl Transferase

Kidney

BUN
BUN/Creatinine Ratio
Creatinine*
eGFR/Creatinine Ratio
Cystatin C
eGFR/Cystatin C Ratio
Urine Albumin/Creatinine Ratio

Other Chemistry and Hematology

Albumin*
Prealbumin
Amylase
Calcium
CBC with or without Differential
Chloride
CO₂
CoQ10
Creatine Kinase
Ferritin
Folate*
Homocysteine*
Iron
Iron Binding Capacity (TIBC and UIBC)
Magnesium
NT-proBNP
Phosphorus
Potassium
Protein, Total
Sodium
Troponin I
Uric Acid*
Vitamin B12*
Vitamin D*

Infectious Disease

Antibody

SARS-CoV-2 Spike (mostly IgG)

*Available from Dried Blood Spots

Tests not available in New York State: Prediabetes Assessment, Beta Cell Function, Aldosterone, IL-6, HDLP, TMAO, LipoMap, KIF6, 9P21, 4Q25, Haptoglobin and Polygenic Risk Ma

Tests not available in New Jersey: IL-6 and LipoMap

For more information, visit bostonheartdiagnostics.com or call 877.425.1252.

IS BOSTON HEART TESTING RIGHT FOR YOUR PATIENTS?

Patients appropriate for Boston Heart testing have:

One or more:*

- ☐ History of CVD event, including heart attack, bypass, angioplasty or stroke
- ☐ Diabetes (glucose >125 mg/dL)
- ☐ Chronic kidney disease (GFR <60 mL/min/1.73 m²)
- ☐ LDL-C $\geq$ 190 mg/dL
- ☐ Evidence of plaque and/or positive CAC score
- ☐ $\geq$ 7.5% 10-year CVD risk on AHA/ACC risk calculator

Or three or more:*

- ☐ Age (male $\geq$ 45, female $\geq$ 55)
- ☐ Family history of early CHD (male <55, female <65)
- ☐ High total cholesterol (>240 mg/dL)
- ☐ LDL-C 160–189 mg/dL
- ☐ Low HDL-C (male <40 mg/dL, female <50 mg/dL)
- ☐ Cigarette smoking
- ☐ High blood pressure ($\geq$ 140/ $\geq$ 90 mm Hg)
- ☐ Prescribed blood pressure medication
- ☐ Prediabetes (glucose 100–125 mg/dL)
- ☐ Physical inactivity
- ☐ Obesity or overweight

50%
of patients
who suffer a heart
attack have normal
LDL cholesterol[†]

*Based on the 2013 ACC/AHA Guidelines on the Assessment of Cardiovascular Risk and National Lipid Association Recommendations for Patient-Centered Management of Dyslipidemia

[†]Sachdeva A, Cannon CP, Deedwania PC, et al: for the Get With The Guidelines Steering Committee and Hospitals. Lipid levels in patients hospitalized with coronary artery disease: an analysis of 136,905 hospitalizations in Get With The Guidelines. *Am Heart J.* 2009;157(1):111–117.e2.

877.425.1252 bostonheartdiagnostics.com



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