

RemoteOmics

Blood biomarker list

Biomarkers

Cholesterol		Total Lipids		Fatty Acids (continued)	
Total cholesterol	mmol/L	Total lipids in lipoprotein particles	mmol/L	Linoleic acid	mmol/L
Total cholesterol minus HDL-C	mmol/L	Total lipids in VLDL	mmol/L	Docosahexaenoic acid	mmol/L
Remnant cholesterol (non-HDL, non-LDL -cholesterol)	mmol/L	Total lipids in LDL	mmol/L	Fatty Acid Ratios	
VLDL cholesterol	mmol/L	Total lipids in HDL	mmol/L	Ratio of omega-3 fatty acids to total fatty acids	%
Clinical LDL cholesterol	mmol/L	Lipoprotein Particle Concentrations		Ratio of omega-6 fatty acids to total fatty acids	%
LDL cholesterol	mmol/L	Total concentration of lipoprotein particles	mmol/L	Ratio of polyunsaturated fatty acids to total fatty acids	%
HDL cholesterol	mmol/L	Concentration of VLDL particles		Ratio of monounsaturated fatty acids to total fatty acids	%
Triglycerides		Concentration of LDL particles	mmol/L	Ratio of saturated fatty acids to total fatty acids	%
Total triglycerides	mmol/L	Concentration of HDL particles	mmol/L	Ratio of linoleic acid to total fatty acids	%
Triglycerides in VLDL	mmol/L	Other Lipids		Ratio of docosahexaenoic acid to total fatty acids	%
Triglycerides in LDL	mmol/L	Phosphoglycerides	mmol/L	Ratio of polyunsaturated fatty acids to monounsaturated fatty acids	ratio
Triglycerides in HDL	mmol/L	Ratio of triglycerides to phosphoglycerides	ratio	Ratio of omega-6 fatty acids to omega-3 fatty acids	ratio
Phospholipids		Total cholines	mmol/L	Amino Acids	
Total phospholipids in lipoprotein particles	mmol/L	Phosphatidylcholines	mmol/L	Alanine	mmol/L
Phospholipids in VLDL	mmol/L	Sphingomyelins	mmol/L	Branched-chain Amino Acids	
Phospholipids in LDL	mmol/L	Apolipoproteins		Total concentration of branched-chain amino acids (leucine + isoleucine + valine)	mmol/L
Phospholipids in HDL	mmol/L	Apolipoprotein B	g/L	Isoleucine	mmol/L
Cholesteryl Esters		Apolipoprotein A1	g/L	Leucine	mmol/L
Total esterified cholesterol	mmol/L	Ratio of apolipoprotein B to apolipoprotein A1	ratio	Valine	mmol/L
Cholesteryl esters in VLDL	mmol/L	Fatty Acids		Aromatic Amino Acids	
Cholesteryl esters in LDL	mmol/L	Total fatty acids	mmol/L	Tyrosine	mmol/L
Cholesteryl esters in HDL	mmol/L	Degree of unsaturation	degree		
Free Cholesterol		Omega-3 fatty acids	mmol/L		
Total free cholesterol	mmol/L	Omega-6 fatty acids	mmol/L		
Free cholesterol in VLDL	mmol/L	Polyunsaturated fatty acids	mmol/L		
Free cholesterol in LDL	mmol/L	Monounsaturated fatty acids	mmol/L		
Free cholesterol in HDL	mmol/L	Saturated fatty acids	mmol/L		

All listed biomarkers are available for dried blood samples collected from Nightingale Health's self-collection kit. For Research Use Only. Not for use in diagnostic procedures.

Ketone Bodies

3-Hydroxybutyrate mmol/L

Fluid Balance

Creatinine mmol/L

Inflammation

Glycoprotein acetyls mmol/L

Lipoprotein Subclasses
Very Large VLDL (Average Diameter 64 nm)

 Cholesterol in very large VLDL mmol/L
 Total lipids in very large VLDL mmol/L
 Triglycerides in very large VLDL mmol/L

Large VLDL (Average Diameter 53.6 nm)

 Cholesterol in large VLDL mmol/L
 Total lipids in large VLDL mmol/L
 Triglycerides in large VLDL mmol/L

Medium VLDL (Average Diameter 44.5 nm)

 Cholesterol in medium VLDL mmol/L
 Total lipids in medium VLDL mmol/L
 Triglycerides in medium VLDL mmol/L

Small VLDL (Average Diameter 36.8 nm)

 Cholesterol in small VLDL mmol/L
 Total lipids in small VLDL mmol/L
 Triglycerides in small VLDL mmol/L

Very Small VLDL (Average Diameter 31.3 nm)

 Cholesterol in very small VLDL mmol/L
 Total lipids in very small VLDL mmol/L
 Triglycerides in very small VLDL mmol/L

IDL (Average Diameter 28.6 nm)

 Cholesterol in IDL mmol/L
 Total lipids in IDL mmol/L
 Triglycerides in IDL mmol/L

Large LDL (Average Diameter 25.5 nm)

 Cholesterol in large LDL mmol/L
 Total lipids in large LDL mmol/L
 Triglycerides in large LDL mmol/L

Medium LDL (Average Diameter 23 nm)

 Cholesterol in medium LDL mmol/L
 Total lipids in medium LDL mmol/L
 Triglycerides in medium LDL mmol/L

Small LDL (Average Diameter 18.7 nm)

 Cholesterol in small LDL mmol/L
 Total lipids in small LDL mmol/L
 Triglycerides in small LDL mmol/L

Very Large HDL (Average Diameter 14.3 nm)

 Cholesterol in very large HDL mmol/L
 Total lipids in very large HDL mmol/L
 Triglycerides in very large HDL mmol/L

Large HDL (Average Diameter 12.1 nm)

 Cholesterol in large HDL mmol/L
 Total lipids in large HDL mmol/L
 Triglycerides in large HDL mmol/L

Medium HDL (average diameter 10.9 nm)

 Cholesterol in medium HDL mmol/L
 Total lipids in medium HDL mmol/L
 Triglycerides in medium HDL mmol/L

Small HDL (average diameter 8.7 nm)

 Cholesterol in small HDL mmol/L
 Total lipids in small HDL mmol/L
 Triglycerides in small HDL mmol/L

Glycated Hemoglobin
Available as an additional service

Glycated hemoglobin (HbA1c) mmol/mol