	Very Small VLDL			
Total lipids in very small VLDL (mmol/l)  Concentration of very small VLDL particles (mol/l)		•		
Phospholipids in very small VLDL (mmol/l)  Triglycerides in very small VLDL (mmol/l)		•	<b>→</b>	
Total cholesterol in small VLDL (mmol/l)	Small VLDL	•		
Free cholesterol in small VLDL (mmol/l)  Total lipids in small VLDL (mmol/l)		•	<del>-</del>	
Concentration of small VLDL particles (mol/l)  Phospholipids in small VLDL (mmol/l)		•	<b>+ -</b>	
Triglycerides in small VLDL (mmol/l)		•	<del>-</del>	
Total cholesterol in medium VLDL (mmol/l)		•	+	
Cholesterol esters in medium VLDL (mmol/l)  Free cholesterol in medium VLDL (mmol/l)			+	
Total lipids in medium VLDL (mmol/l)  Concentration of medium VLDL particles (mol/l)  Phospholipids in medium VLDL (mmol/l)		•	- <del>-</del>	
Phospholipids in medium VLDL (mmol/l)  Triglycerides in medium VLDL (mmol/l)		•	<del>+</del> <del>-</del>	
Total cholesterol in large VLDL (mmol/l)	Large VLDL	•	<del></del>	
Cholesterol esters in large VLDL (mmol/l)  Free cholesterol in large VLDL (mmol/l)		•	+ <del></del>	
Total lipids in large VLDL (mmol/l)  Concentration of large VLDL particles (mol/l)				
Phospholipids in large VLDL (mmol/l)  Triglycerides in large VLDL (mmol/l)		•	<del>+</del>	
Total lipids in very large VLDL (mmol/l)	Very large VLDL	<b>──</b>	<b>-</b>	
Concentration of very large VLDL particles (mol/l)  Phospholipids in very large VLDL (mmol/l)	I I	· · · · · · · · · · · · · · · · · · ·	<del>-</del>	
Triglycerides in very large VLDL (mmol/l)	Extremely large VLDL	•	+	
Total lipids in chylomicrons and extremely large VLDL (mmol/l)  Concentration of chylomicrons and extremely large VLDL particles (mol/l)			- <del></del>	
Phospholipids in chylomicrons and extremely large VLDL (mmol/l)  Triglycerides in chylomicrons and extremely large VLDL (mmol/l)			+ <del></del>	
Total cholesterol in IDL (mmol/l)	IDL	•		
Free cholesterol in IDL (mmol/l)  Total lipids in IDL (mmol/l)				
Concentration of IDL particles (mol/l)  Phospholipids in IDL (mmol/l)		• • • • • • • • • • • • • • • • • • •	<del></del>	
Triglycerides in IDL (mmol/l)		•	<u>→</u>	
Total cholesterol in small LDL (mmol/l)		•	_ <sub>0</sub>	
Total lipids in small LDL (mmol/l)  Concentration of small LDL particles (mol/l)		•	<u></u>	
Total cholesterol in medium LDL (mmol/l)		•	<del></del>	
Cholesterol esters in medium LDL (mmol/l)  Total lipids in medium LDL (mmol/l)		•	- <del>-</del>	
Concentration of medium LDL particles (mol/l)  Phospholipids in medium LDL (mmol/l)		•	- <del></del>	
Total cholesterol in large LDL (mmol/l)	Large LDL	•	<u> </u>	
Cholesterol esters in large LDL (mmol/l)  Free cholesterol in large LDL (mmol/l)		· · · · · · · · · · · · · · · · · · ·	<del></del>	
Total lipids in large LDL (mmol/l)  Concentration of large LDL particles (mol/l)		•	_ <del></del>	
Phospholipids in large LDL (mmol/l)	Small HDL	•	<del></del> 0	
Total lipids in small HDL (mmol/l)  Concentration of small HDL particles (mol/l)	1	——————————————————————————————————————	_ <del></del>	
Triglycerides in small HDL (mmol/l)	Medium HDL	•	<del>-</del>	
Total cholesterol in medium HDL (mmol/l) Cholesterol esters in medium HDL (mmol/l)		<del></del>	•	
Free cholesterol in medium HDL (mmol/l)  Total lipids in medium HDL (mmol/l)		<b>→</b>	•	
Concentration of medium HDL particles (mol/l)  Phospholipids in medium HDL (mmol/l)		——————————————————————————————————————		
Total abelestoral in large HDL (mmal/l)	Large HDL		•	
Total cholesterol in large HDL (mmol/l)  Cholesterol esters in large HDL (mmol/l)  Free cholesterol in large HDL (mmol/l)			•	exposure  • BF_Lu_7
Total lipids in large HDL (mmol/l)  Concentration of large HDL particles (mol/l)		— ÷	•	WHR_Pulit_316   BMI_Yengo_941
Phospholipids in large HDL (mmol/l)	Very large HDL	<del></del>	•	
Total cholesterol in very large HDL (mmol/l)	vory large ribe			
			•	
Cholesterol esters in very large HDL (mmol/l)  Free cholesterol in very large HDL (mmol/l)			• • • • • • • • • • • • • • • • • • •	
Cholesterol esters in very large HDL (mmol/l)				
Cholesterol esters in very large HDL (mmol/l)  Free cholesterol in very large HDL (mmol/l)  Total lipids in very large HDL (mmol/l)  Concentration of very large HDL particles (mol/l)				
Cholesterol esters in very large HDL (mmol/l)  Free cholesterol in very large HDL (mmol/l)  Total lipids in very large HDL (mmol/l)  Concentration of very large HDL particles (mol/l)  Phospholipids in very large HDL (mmol/l)  Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm)	Lipoprotein particle size			
Cholesterol esters in very large HDL (mmol/l)  Free cholesterol in very large HDL (mmol/l)  Total lipids in very large HDL (mmol/l)  Concentration of very large HDL particles (mol/l)  Phospholipids in very large HDL (mmol/l)  Triglycerides in very large HDL (mmol/l)	Lipoprotein particle size			
Cholesterol esters in very large HDL (mmol/l)  Free cholesterol in very large HDL (mmol/l)  Total lipids in very large HDL (mmol/l)  Concentration of very large HDL particles (mol/l)  Phospholipids in very large HDL (mmol/l)  Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm)  Mean diameter for LDL particles (nm)	Lipoprotein particle size  Protein			
Cholesterol esters in very large HDL (mmol/l)  Free cholesterol in very large HDL (mmol/l)  Total lipids in very large HDL (mmol/l)  Concentration of very large HDL particles (mol/l)  Phospholipids in very large HDL (mmol/l)  Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm)  Mean diameter for LDL particles (nm)  Mean diameter for VLDL particles (nm)	Lipoprotein particle size  Protein  Metabolites ratio		O	
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Glycoproteins	Lipoprotein particle size  Protein  Metabolites ratio			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond  Acetoacetate (mmol/l) Acetate (mmol/l)	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond  Acetoacetate (mmol/l) Acetate (mmol/l) 3-hydroxybutyrate (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond  Acetoacetate (mmol/l) Acetate (mmol/l)  3-hydroxybutyrate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond  Acetoacetate (mmol/l) Acetate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l)  Citrate (mmol/l) Glucose (mmol/l) Glycorol (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond  Acetoacetate (mmol/l) Acetate (mmol/l)  3-hydroxybutyrate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l)  Citrate (mmol/l) Glycose (mmol/l) Lactate (mmol/l) Pyruvate (mmol/l) Pyruvate (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm)  Glycoproteins  Ratio of bisallylic groups to double bonds Average number of methylene groups per double bond  Acetoacetate (mmol/l) Acetate (mmol/l)  3-hydroxybutyrate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l)  Citrate (mmol/l) Glycose (mmol/l) Lactate (mmol/l) Pyruvate (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetoacetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) 3-hydroxybutyrate (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycorol (mmol/l) Citrate (mmol/l) Glycorol (mmol/l) Pyruvate (mmol/l) Pyruvate (mmol/l) Serum total triglycerides (mmol/l) Serum total triglycerides (mmol/l) Sphingomyelins (mmol/l) Total phosphoglycerides (mmol/l)	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm)  Acetoacetate (nmol/l) Acetate (mmol/l) Acetate (mmol/l)  3-hydroxybutyrate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l)  Glycerol (mmol/l)  Lactate (mmol/l) Pyruvate (mmol/l)  Phosphatidylcholine and other cholines (mmol/l)  Serum total triglycerides (mmol/l)  Sphingomyelins (mmol/l)	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) 3-hydroxybutyrate (mmol/l) Glycoprotein acety/s, mainly a1-acid glycoprotein (mmol/l) Citrate (mmol/l) Glycerol (mmol/l) Lactate (mmol/l) Pyruvate (mmol/l) Phosphatidylcholine and other cholines (mmol/l) Serum total triglycerides (mmol/l) Sphingomyelins (mmol/l) Total phosphoglycerides (mmol/l) Albumin (signal area)	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acatoacetate (nmol/l) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycorol (mmol/l) Lactate (mmol/l) Pyruvate (mmol/l) Pyruvate (mmol/l) Serum total triglycerides (mmol/l) Serum total triglycerides (mmol/l) Total phosphoglycerides (mmol/l) Albumin (signal area) Creatinine (mmol/l) Estimated description of fatty acid chain length, not actual carbon number Omega-3 fatty acids (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance  Fatty acids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetae (mmol/l) Acetae (mmol/l) Acetae (mmol/l)  Glycoprotein acetyls, mainly a1—acid glycoprotein (mmol/l) Glycoprotein acetyls, mainly a1—acid glycoprotein (mmol/l) Citrate (mmol/l) Glycerol (mmol/l) Citrate (mmol/l) Serum total triglycerides (mmol/l) Serum total triglycerides (mmol/l) Total phosphoglycerides (mmol/l) Albumin (signal area) Creatinine (mmol/l) Estimated description of fatty acid chain length, not actual carbon number Omega—3 fatty acids (mmol/l) Comega—6 fatty acids (mmol/l) Omega—6 fatty acids (mmol/l) Omega—6 fatty acids (mmol/l) Ita; linoleic acid (mmol/l)	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Fluid balance  Fatty acids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l)  Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycorolein acetyls, mainly a1-acid glycoprotein (mmol/l) Lactate (mmol/l) Acetate (mmol/l) Citrate (mmol/l) Acetate (mmol/l) Citrate (mmol/l) Acetate (mmol/l) Citrate (mmol/l) Citrate (mmol/l) Citrate (mmol/l) Acetate (mmol/l) Citrate (mmo	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance  Fatty acids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL particles (nm) Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetate (nmol/l) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Lactate (mmol/l) Pyruvate (mmol/l) Serum total triglycerides (mmol/l) Serum total triglycerides (mmol/l) Total phosphoglycerides (mmol/l) Total phosphoglycerides (mmol/l) Albumin (signal area) Creatinine (mmol/l) Estimated description of fatty acid chain length, not actual carbon number Omega-3 fatty acids (mmol/l) 18:2, linoleic acid (mmol/l) Monounsaturated fatty acids; 16:1, 18:1 (mmol/l)	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance  Fatty acids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Citrate (mmol/l) Glycorol (mmol/l) Phosphatidylcholine and other cholines (mmol/l) Pryruvate (mmol/l) Serum total triglycerides (mmol/l) Fotal phosphoglycerides (mmol/l) Total phosphoglycerides (mmol/l) Total phosphoglycerides (mmol/l)  22-6, docosahexaenoic acid (mmol/l) Albumin (signal area) Creatinine (mmol/l)  Estimated description of fatty acid chain length, not actual carbon number Omega-3 fatty acids (mmol/l) Monounsaturated fatty acids; 16-1, 18-1 (mmol/l) Total latty acids (mmol/l) Ratio of bisallylic groups to total fatty acids Average number of methylene groups in a fatty acid chain Average number of methylene groups in a fatty acid chain Omega-7, omega-9 and saturated fatty acids	Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Fluid balance  Fatty acids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Concentration of very large HDL particles (mol/l) Phospholipids in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL particles (nm) Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycorol (mmol/l) Lactate (mmol/l) Citrate (mmol/l) Citrate (mmol/l) Serum total triglycerides (mmol/l) Pyruvate (mmol/l) Sphingomyelins (mmol/l) Sphingomyelins (mmol/l) Total phosphoglycerides (mmol/l) Albumin (signal area) Creatinine (mmol/l)  Estimated description of fatty acid chain length, not actual carbon number Omega-3 fatty acids (mmol/l) Monounsaturated fatty acids; 16:1, 18:1 (mmol/l) Ratio of bisallylic groups to total fatty acids Average number of methylene groups in a fatty acid chain Average number of double bonds in a fatty acid chain Average number of double bonds in a fatty acid chain Omega-7, omega-9 and saturated fatty acids Other polyunsaturated fatty acids than 18:2	Lipoprotein particle size  Protein  Metabolites ratio  Ketone bodies  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance  Fatty acids			
Cholesterol esters in very large HDL (mmol/l) Free cholesterol in very large HDL (mmol/l) Total lipids in very large HDL particles (mol/l) Phospholipids in very large HDL particles (mol/l) Phospholipids in very large HDL particles (mol/l) Triglycerides in very large HDL (mmol/l) Triglycerides in very large HDL particles (nm) Mean diameter for HDL particles (nm) Mean diameter for LDL particles (nm) Mean diameter for VLDL particles (nm) Mean diameter for VLDL particles (nm) Acetate (mmol/l) Acetate (mmol/l) Acetate (mmol/l)  Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Citrate (mmol/l) Glycoprotein acetyls, mainly a1-acid glycoprotein (mmol/l) Acetate (mmol/l) Phosphatidylcholine and other cholines (mmol/l) Lactate (mmol/l) Phosphatidylcholine and other cholines (mmol/l) Serum total triglycerides (mmol/l) Serum total triglycerides (mmol/l) Fortal phosphoglycerides (mmol/l) Albumin (signal area) Creatinine (mmol/l) Total phosphoglycerides (mmol/l) Albumin (signal area) Creatinine (mmol/l) Monounsaturated fatty acids (mmol/l) 18:2, incleic acid (mmol/l) Monounsaturated fatty acids (mmol/l) Ratio of bisallytic groups to total fatty acids Average number of methylene groups in a fatty acid chain Average number of double bonds in a fatty acid chain Omega-7, omega-9 and saturated fatty acids Other polyunsaturated fatty acids than 18:2 Esterified cholesterol (mmol/l) Free cholesterol (mmol/l)	Lipoprotein particle size  Protein  Metabolites ratio  Inflammation  Glycolysis related metabolites  Glycerides and phospholipids  Fluid balance  Fatty acids  Cholesterol			
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