

	Abbreviations	Fullnames	Units
1	XXL_VLDL_P	Concentration of chylomicrons and extremely large VLDL particles	mol/l
2	XXL_VLDL_L	Total lipids in chylomicrons and extremely large VLDL	mmol/l
3	XXL_VLDL_PL	Phospholipids in chylomicrons and extremely large VLDL	mmol/l
4	XXL_VLDL_C	Total cholesterol in chylomicrons and extremely large VLDL	mmol/l
5	XXL_VLDL_CE	Cholesterol esters in chylomicrons and extremely large VLDL	mmol/l
6	XXL_VLDL_FC	Free cholesterol in chylomicrons and extremely large VLDL	mmol/l
7	XXL_VLDL_TG	Triglycerides in chylomicrons and extremely large VLDL	mmol/l
8	XL_VLDL_P	Concentration of very large VLDL particles	mol/l
9	XL_VLDL_L	Total lipids in very large VLDL	mmol/l
10	XL_VLDL_PL	Phospholipids in very large VLDL	mmol/l
11	XL_VLDL_C	Total cholesterol in very large VLDL	mmol/l
12	XL_VLDL_CE	Cholesterol esters in very large VLDL	mmol/l
13	XL_VLDL_FC	Free cholesterol in very large VLDL	mmol/l
14	XL_VLDL_TG	Triglycerides in very large VLDL	mmol/l
15	L_VLDL_P	Concentration of large VLDL particles	mol/l
16	L_VLDL_L	Total lipids in large VLDL	mmol/l
17	L_VLDL_PL	Phospholipids in large VLDL	mmol/l
18	L_VLDL_C	Total cholesterol in large VLDL	mmol/l
19	L_VLDL_CE	Cholesterol esters in large VLDL	mmol/l
20	L_VLDL_FC	Free cholesterol in large VLDL	mmol/l
21	L_VLDL_TG	Triglycerides in large VLDL	mmol/l
22	M_VLDL_P	Concentration of medium VLDL particles	mol/l
23	M_VLDL_L	Total lipids in medium VLDL	mmol/l
24	M_VLDL_PL	Phospholipids in medium VLDL	mmol/l
25	M_VLDL_C	Total cholesterol in medium VLDL	mmol/l
26	M_VLDL_CE	Cholesterol esters in medium VLDL	mmol/l
27	M_VLDL_FC	Free cholesterol in medium VLDL	mmol/l
28	M_VLDL_TG	Triglycerides in medium VLDL	mmol/l
29	S_VLDL_P	Concentration of small VLDL particles	mol/l
30	S_VLDL_L	Total lipids in small VLDL	mmol/l
31	S_VLDL_PL	Phospholipids in small VLDL	mmol/l
32	S_VLDL_C	Total cholesterol in small VLDL	mmol/l
33	S_VLDL_CE	Cholesterol esters in small VLDL	mmol/l
34	S_VLDL_FC	Free cholesterol in small VLDL	mmol/l
35	S_VLDL_TG	Triglycerides in small VLDL	mmol/l
36	XS_VLDL_P	Concentration of very small VLDL particles	mol/l
37	XS_VLDL_L	Total lipids in very small VLDL	mmol/l
38	XS_VLDL_PL	Phospholipids in very small VLDL	mmol/l
39	XS_VLDL_C	Total cholesterol in very small VLDL	mmol/l
40	XS_VLDL_CE	Cholesterol esters in very small VLDL	mmol/l
41	XS_VLDL_FC	Free cholesterol in very small VLDL	mmol/l
42	XS_VLDL_TG	Triglycerides in very small VLDL	mmol/l
43	IDL_P	Concentration of IDL particles	mol/l
44	IDL_L	Total lipids in IDL	mmol/l

45	IDL_PL	Phospholipids in IDL	mmol/l
46	IDL_C	Total cholesterol in IDL	mmol/l
47	IDL_CE	Cholesterol esters in IDL	mmol/l
48	IDL_FC	Free cholesterol in IDL	mmol/l
49	IDL_TG	Triglycerides in IDL	mmol/l
50	L_LDL_P	Concentration of large LDL particles	mol/l
51	L_LDL_L	Total lipids in large LDL	mmol/l
52	L_LDL_PL	Phospholipids in large LDL	mmol/l
53	L_LDL_C	Total cholesterol in large LDL	mmol/l
54	L_LDL_CE	Cholesterol esters in large LDL	mmol/l
55	L_LDL_FC	Free cholesterol in large LDL	mmol/l
56	L_LDL_TG	Triglycerides in large LDL	mmol/l
57	M_LDL_P	Concentration of medium LDL particles	mol/l
58	M_LDL_L	Total lipids in medium LDL	mmol/l
59	M_LDL_PL	Phospholipids in medium LDL	mmol/l
60	M_LDL_C	Total cholesterol in medium LDL	mmol/l
61	M_LDL_CE	Cholesterol esters in medium LDL	mmol/l
62	M_LDL_FC	Free cholesterol in medium LDL	mmol/l
63	M_LDL_TG	Triglycerides in medium LDL	mmol/l
64	S_LDL_P	Concentration of small LDL particles	mol/l
65	S_LDL_L	Total lipids in small LDL	mmol/l
66	S_LDL_PL	Phospholipids in small LDL	mmol/l
67	S_LDL_C	Total cholesterol in small LDL	mmol/l
68	S_LDL_CE	Cholesterol esters in small LDL	mmol/l
69	S_LDL_FC	Free cholesterol in small LDL	mmol/l
70	S_LDL_TG	Triglycerides in small LDL	mmol/l
71	XL_HDL_P	Concentration of very large HDL particles	mol/l
72	XL_HDL_L	Total lipids in very large HDL	mmol/l
73	XL_HDL_PL	Phospholipids in very large HDL	mmol/l
74	XL_HDL_C	Total cholesterol in very large HDL	mmol/l
75	XL_HDL_CE	Cholesterol esters in very large HDL	mmol/l
76	XL_HDL_FC	Free cholesterol in very large HDL	mmol/l
77	XL_HDL_TG	Triglycerides in very large HDL	mmol/l
78	L_HDL_P	Concentration of large HDL particles	mol/l
79	L_HDL_L	Total lipids in large HDL	mmol/l
80	L_HDL_PL	Phospholipids in large HDL	mmol/l
81	L_HDL_C	Total cholesterol in large HDL	mmol/l
82	L_HDL_CE	Cholesterol esters in large HDL	mmol/l
83	L_HDL_FC	Free cholesterol in large HDL	mmol/l
84	L_HDL_TG	Triglycerides in large HDL	mmol/l
85	M_HDL_P	Concentration of medium HDL particles	mol/l
86	M_HDL_L	Total lipids in medium HDL	mmol/l
87	M_HDL_PL	Phospholipids in medium HDL	mmol/l
88	M_HDL_C	Total cholesterol in medium HDL	mmol/l
89	M_HDL_CE	Cholesterol esters in medium HDL	mmol/l

90	M_HDL_FC	Free cholesterol in medium HDL	mmol/l
91	M_HDL_TG	Triglycerides in medium HDL	mmol/l
92	S_HDL_P	Concentration of small HDL particles	mol/l
93	S_HDL_L	Total lipids in small HDL	mmol/l
94	S_HDL_PL	Phospholipids in small HDL	mmol/l
95	S_HDL_C	Total cholesterol in small HDL	mmol/l
96	S_HDL_CE	Cholesterol esters in small HDL	mmol/l
97	S_HDL_FC	Free cholesterol in small HDL	mmol/l
98	S_HDL_TG	Triglycerides in small HDL	mmol/l
99	XXL_VLDL_PL_PER	Phospholipids to total lipids ratio in chylomicrons and extremely large VLDL	%
100	XXL_VLDL_C_PER	Total cholesterol to total lipids ratio in chylomicrons and extremely large VLDL	%
101	XXL_VLDL_CE_PER	Cholesterol esters to total lipids ratio in chylomicrons and extremely large VLDL	%
102	XXL_VLDL_FC_PER	Free cholesterol to total lipids ratio in chylomicrons and extremely large VLDL	%
103	XXL_VLDL_TG_PER	Triglycerides to total lipids ratio in chylomicrons and extremely large VLDL	%
104	XL_VLDL_PL_PER	Phospholipids to total lipids ratio in very large VLDL	%
105	XL_VLDL_C_PER	Total cholesterol to total lipids ratio in very large VLDL	%
106	XL_VLDL_CE_PER	Cholesterol esters to total lipids ratio in very large VLDL	%
107	XL_VLDL_FC_PER	Free cholesterol to total lipids ratio in very large VLDL	%
108	XL_VLDL_TG_PER	Triglycerides to total lipids ratio in very large VLDL	%
109	L_VLDL_PL_PER	Phospholipids to total lipids ratio in large VLDL	%
110	L_VLDL_C_PER	Total cholesterol to total lipids ratio in large VLDL	%
111	L_VLDL_CE_PER	Cholesterol esters to total lipids ratio in large VLDL	%
112	L_VLDL_FC_PER	Free cholesterol to total lipids ratio in large VLDL	%
113	L_VLDL_TG_PER	Triglycerides to total lipids ratio in large VLDL	%
114	M_VLDL_PL_PER	Phospholipids to total lipids ratio in medium VLDL	%
115	M_VLDL_C_PER	Total cholesterol to total lipids ratio in medium VLDL	%
116	M_VLDL_CE_PER	Cholesterol esters to total lipids ratio in medium VLDL	%
117	M_VLDL_FC_PER	Free cholesterol to total lipids ratio in medium VLDL	%
118	M_VLDL_TG_PER	Triglycerides to total lipids ratio in medium VLDL	%
119	S_VLDL_PL_PER	Phospholipids to total lipids ratio in small VLDL	%
120	S_VLDL_C_PER	Total cholesterol to total lipids ratio in small VLDL	%
121	S_VLDL_CE_PER	Cholesterol esters to total lipids ratio in small VLDL	%
122	S_VLDL_FC_PER	Free cholesterol to total lipids ratio in small VLDL	%
123	S_VLDL_TG_PER	Triglycerides to total lipids ratio in small VLDL	%
124	XS_VLDL_PL_PER	Phospholipids to total lipids ratio in very small VLDL	%
125	XS_VLDL_C_PER	Total cholesterol to total lipids ratio in very small VLDL	%
126	XS_VLDL_CE_PER	Cholesterol esters to total lipids ratio in very small VLDL	%
127	XS_VLDL_FC_PER	Free cholesterol to total lipids ratio in very small VLDL	%
128	XS_VLDL_TG_PER	Triglycerides to total lipids ratio in very small VLDL	%
129	IDL_PL_PER	Phospholipids to total lipids ratio in IDL	%
130	IDL_C_PER	Total cholesterol to total lipids ratio in IDL	%

131	IDL_CE_PER	Cholesterol esters to total lipids ratio in IDL	%
132	IDL_FC_PER	Free cholesterol to total lipids ratio in IDL	%
133	IDL_TG_PER	Triglycerides to total lipids ratio in IDL	%
134	L_LDL_PL_PER	Phospholipids to total lipids ratio in large LDL	%
135	L_LDL_C_PER	Total cholesterol to total lipids ratio in large LDL	%
136	L_LDL_CE_PER	Cholesterol esters to total lipids ratio in large LDL	%
137	L_LDL_FC_PER	Free cholesterol to total lipids ratio in large LDL	%
138	L_LDL_TG_PER	Triglycerides to total lipids ratio in large LDL	%
139	M_LDL_PL_PER	Phospholipids to total lipids ratio in medium LDL	%
140	M_LDL_C_PER	Total cholesterol to total lipids ratio in medium LDL	%
141	M_LDL_CE_PER	Cholesterol esters to total lipids ratio in medium LDL	%
142	M_LDL_FC_PER	Free cholesterol to total lipids ratio in medium LDL	%
143	M_LDL_TG_PER	Triglycerides to total lipids ratio in medium LDL	%
144	S_LDL_PL_PER	Phospholipids to total lipids ratio in small LDL	%
145	S_LDL_C_PER	Total cholesterol to total lipids ratio in small LDL	%
146	S_LDL_CE_PER	Cholesterol esters to total lipids ratio in small LDL	%
147	S_LDL_FC_PER	Free cholesterol to total lipids ratio in small LDL	%
148	S_LDL_TG_PER	Triglycerides to total lipids ratio in small LDL	%
149	XL_HDL_PL_PER	Phospholipids to total lipids ratio in very large HDL	%
150	XL_HDL_C_PER	Total cholesterol to total lipids ratio in very large HDL	%
151	XL_HDL_CE_PER	Cholesterol esters to total lipids ratio in very large HDL	%
152	XL_HDL_FC_PER	Free cholesterol to total lipids ratio in very large HDL	%
153	XL_HDL_TG_PER	Triglycerides to total lipids ratio in very large HDL	%
154	L_HDL_PL_PER	Phospholipids to total lipids ratio in large HDL	%
155	L_HDL_C_PER	Total cholesterol to total lipids ratio in large HDL	%
156	L_HDL_CE_PER	Cholesterol esters to total lipids ratio in large HDL	%
157	L_HDL_FC_PER	Free cholesterol to total lipids ratio in large HDL	%
158	L_HDL_TG_PER	Triglycerides to total lipids ratio in large HDL	%
159	M_HDL_PL_PER	Phospholipids to total lipids ratio in medium HDL	%
160	M_HDL_C_PER	Total cholesterol to total lipids ratio in medium HDL	%
161	M_HDL_CE_PER	Cholesterol esters to total lipids ratio in medium HDL	%
162	M_HDL_FC_PER	Free cholesterol to total lipids ratio in medium HDL	%
163	M_HDL_TG_PER	Triglycerides to total lipids ratio in medium HDL	%
164	S_HDL_PL_PER	Phospholipids to total lipids ratio in small HDL	%
165	S_HDL_C_PER	Total cholesterol to total lipids ratio in small HDL	%
166	S_HDL_CE_PER	Cholesterol esters to total lipids ratio in small HDL	%
167	S_HDL_FC_PER	Free cholesterol to total lipids ratio in small HDL	%
168	S_HDL_TG_PER	Triglycerides to total lipids ratio in small HDL	%
169	VLDL_D	Mean diameter for VLDL particles	nm
170	LDL_D	Mean diameter for LDL particles	nm
171	HDL_D	Mean diameter for HDL particles	nm
172	SERUM_C	Serum total cholesterol	mmol/l
173	VLDL_C	Total cholesterol in VLDL	mmol/l
174	REMNANT_C	Remnant cholesterol (non-HDL, non-LDL -cholesterol)	mmol/l
175	LDL_C	Total cholesterol in LDL	mmol/l

176	HDL_C	Total cholesterol in HDL	mmol/l
177	HDL2_C	Total cholesterol in HDL2	mmol/l
178	HDL3_C	Total cholesterol in HDL3	mmol/l
179	ESTC	Esterified cholesterol	mmol/l
180	FREEC	Free cholesterol	mmol/l
181	SERUM_TG	Serum total triglycerides	mmol/l
182	VLDL_TG	Triglycerides in VLDL	mmol/l
183	LDL_TG	Triglycerides in LDL	mmol/l
184	HDL_TG	Triglycerides in HDL	mmol/l
185	TOTPG	Total phosphoglycerides	mmol/l
186	TG.PG	Ratio of triglycerides to phosphoglycerides	<NA>
187	PC	Phosphatidylcholine and other cholines	mmol/l
188	SM	Sphingomyelins	mmol/l
189	TOTCHO	Total cholines	mmol/l
190	APOA1	Apolipoprotein A-I	g/l
191	APOB	Apolipoprotein B	g/l
192	APOB.APOA1	Ratio of apolipoprotein B to apolipoprotein A-I	<NA>
193	TOTFA	Total fatty acids	mmol/l
194	UNSAT	Estimated degree of unsaturation	<NA>
195	DHA	22:6, docosahexaenoic acid	mmol/l
196	LA	18:2, linoleic acid	mmol/l
197	FAW3	Omega-3 fatty acids	mmol/l
198	FAW6	Omega-6 fatty acids	mmol/l
199	PUFA	Polyunsaturated fatty acids	mmol/l
200	MUFA	Monounsaturated fatty acids; 16:1, 18:1	mmol/l
201	SFA	Saturated fatty acids	mmol/l
202	DHA.FA	Ratio of 22:6 docosahexaenoic acid to total fatty acids	%
203	LA.FA	Ratio of 18:2 linoleic acid to total fatty acids	%
204	FAW3.FA	Ratio of omega-3 fatty acids to total fatty acids	%
205	FAW6.FA	Ratio of omega-6 fatty acids to total fatty acids	%
206	PUFA.FA	Ratio of polyunsaturated fatty acids to total fatty acids	%
207	MUFA.FA	Ratio of monounsaturated fatty acids to total fatty acids	%
208	SFA.FA	Ratio of saturated fatty acids to total fatty acids	%
209	GLC	Glucose	mmol/l
210	LAC	Lactate	mmol/l
211	PYR	Pyruvate	mmol/l
212	CIT	Citrate	mmol/l
213	GLOL	Glycerol	mmol/l
214	ALA	Alanine	mmol/l
215	GLN	Glutamine	mmol/l
216	GLY	Glycine	mmol/l
217	HIS	Histidine	mmol/l
218	ILE	Isoleucine	mmol/l
219	LEU	Leucine	mmol/l
220	VAL	Valine	mmol/l

221	PHE	Phenylalanine	mmol/l
222	TYR	Tyrosine	mmol/l
223	ACE	Acetate	mmol/l
224	ACACE	Acetoacetate	mmol/l
225	BOHBUT	3-hydroxybutyrate	mmol/l
226	CREA	Creatinine	mmol/l
227	ALB	Albumin	signal area
228	GP	Glycoprotein acetyls, mainly a1-acid glycoprotein	mmol/l