

AXINON[®] lipoFIT[®]-S100



Parameters of Lipoprotein Profiling

Parameter	Unit	Description
Particle concentrations in lipoprotein classes and subclasses ^{*)}		
1. LVLDL-p	nmol/l	Concentration of large VLDL particles
2. LDL-p	nmol/l	Concentration of LDL particles
3. LLDL-p	nmol/l	Concentration of large LDL particles
4. SLDL-p	nmol/l	Concentration of small LDL particles
5. HDL-p	nmol/l	Concentration of HDL particles
6. LHDL-p	nmol/l	Concentration of large HDL particles
7. SHDL-p	nmol/l	Concentration of small HDL particles
Particle sizes ^{*)}		
8. VLDL-s	nm	Mean diameter of VLDL particles
9. LDL-s	nm	Mean diameter of LDL particles
10. HDL-s	nm	Mean diameter of HDL particles
Cholesterol concentrations [c] in lipoprotein classes and subclasses ^{**)}		
11. VLDL-c	mg/dl	[c] in VLDL class
12. IDL-c	mg/dl	[c] in IDL class
13. LDL-c	mg/dl	[c] in LDL class
14. LDL.A-c	mg/dl	[c] in LDL subclass A (large particles)
15. LDL.B-c	mg/dl	[c] in LDL subclass B (medium-sized particles)
16. LDL.C-c	mg/dl	[c] in LDL subclass C (small particles)
17. HDL.A-c	mg/dl	[c] in HDL subclass A (large particles)
18. HDL.B-c	mg/dl	[c] in HDL subclass B (medium-sized particles)
19. HDL.C-c	mg/dl	[c] in HDL subclass C (small particles)
Standard lipid parameters		
20. Total-Chol.	mg/dl	Concentration of total cholesterol in serum
21. LDL-Chol.	mg/dl	Concentration of LDL cholesterol in serum
22. HDL-Chol.	mg/dl	Concentration of HDL cholesterol in serum
23. Triglycerides	mg/dl	Concentration of total triglycerides in serum
Metabolite concentrations		
24. Lactate	mg/dl	Concentration of lactate in serum
25. Glucose	mg/dl	Concentration of glucose in serum
26. Alanine	μmol/l	Concentration of alanine in serum
27. Valine	μmol/l	Concentration of valine in serum
28. Leucine	μmol/l	Concentration of leucine in serum
29. Isoleucine	μmol/l	Concentration of isoleucine in serum

^{*)} These parameters were validated against another NMR method, already used in clinical routine.

^{**)} These parameters were validated against a gel electrophoresis method.