

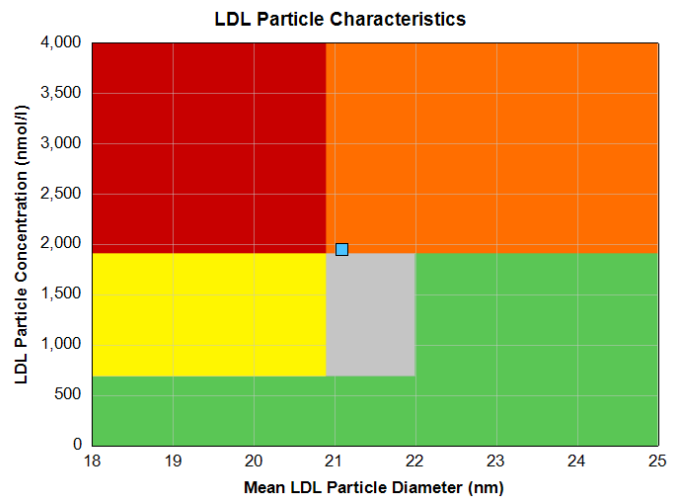
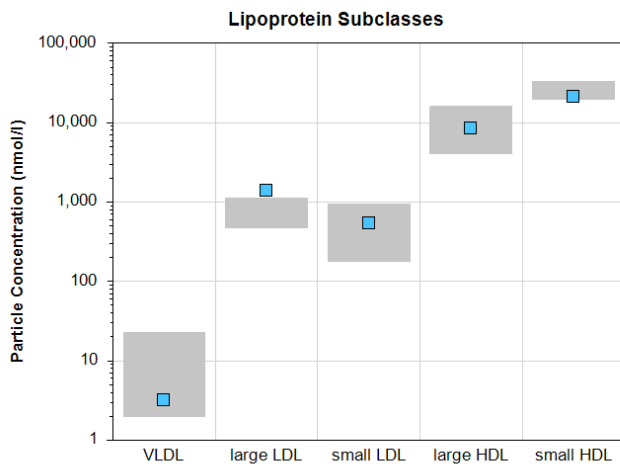
Final Laboratory Report

Patient
Date of Birth
Gender female

Date of receipt 08.11.2019
Date of report 12.11.2019

Order-No. 592084492
Customer-No. 16348

LipoComplete® (NMR Lipoprotein Profile)



reference range
 favourable
 borderline
 unfavourable
 very unfavourable
 12/11/2019

Patient
Date of Birth
Gender female

Date of receipt 08.11.2019
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LipoComplete® (NMR Lipoprotein Profile)	Result	Unit	Reference range	
X0 Triglycerides	77.00	mg/dl	50.00 - 150.00	
X0 Total Cholesterol	238.00	mg/dl	100.00 - 200.00	
X0 VLDL cholesterol	15.50	mg/dl	4.00 - 19.00	
X0 LDL cholesterol	167	mg/dl	130 - 160	
X0 HDL cholesterol	49	mg/dl	40 - 60	
X0 LDL/HDL ratio	3.4		2.0 - 3.0	
X0 TG/HDL ratio	1.6		< 2.0	
X0 PARTICLE CONCENTRATION	.			
X0 VLDL particles	3.2	nmol/l	2.0 - 23.0	
X0 All LDL particles	1,944	nmol/l	693 - 1,910	
X0 Large LDL particles	1,400	nmol/l	471 - 1,134	
X0 Small LDL particles	544	nmol/l	180 - 957	
X0 All HDL particles	29,822	nmol/l	28,706 - 44,009	
X0 Large HDL particles	8,391	nmol/l	4,044 - 16,080	
X0 Small HDL particles	21,431	nmol/l	19,510 - 33,529	
X0 MEAN PARTICLE DIAMETER	.			
X0 VLDL particles	41.6	nm	44.1 - 59.6	
X0 LDL particles	21.1	nm	20.9 - 22.0	
X0 HDL particles	9.2	nm	8.6 - 10.3	

Other	Result	Unit	Reference range	
X0 Non-HDL cholesterol	189	mg/dl	< 190	

Specimen	Sample date	Sample receipt
X0 Serum	07.11.2019 8:12	08.11.2019 18:04

Interpretation

INTERPRETATION The LDL cholesterol is elevated. The concentration of the large LDL particles is also increased. The particle concentration of the particularly atherogenic, small LDL amounts to 544 nmol/l, which is within the reference range, but above the recommended target range of < 500 nmol/l. The mean diameter of the LDL particles is normal. HDL cholesterol is within the acceptable range. HDL particle concentration and particle diameter are normal. Overall, a moderate hypercholesterolemia with increased concentration of the large LDL particles and normal mean LDL particle diameter is present. RECOMMENDATIONS The LDL cholesterol level should be below 160 mg/dl in the presence of one additional risk factor at most. In the presence of two or more additional risk factors, an LDL cholesterol level of < 130 mg/dl should be sought. The concentration of the small LDL particles should preferably be lower than 500 nmol/l.