

## Lipids in Frozen Human Serum

Art. ID	NIST-1951c
Unit	4 vials x 1 mL
Deliverydetails	Dry ice shipment /not restricted

### Description

This Standard Reference Material (SRM®) is intended primarily for use in evaluating the accuracy of clinical procedures for the determination of total cholesterol, high-density lipoprotein (HDL)-cholesterol, low-density lipoprotein (LDL)-cholesterol, and total glycerides in human serum. It is also intended for use in validating working or secondary reference materials. A unit of NIST-1951c consists of four vials of frozen human serum, two vials each at two different analyte concentration levels. Each bottle contains approximately 1 mL of serum. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Level 1, certified value	Total Cholesterol		3,943 ± 0,046	mmol/L		
Level 2, certified value	Total Cholesterol		6,244 ± 0,072	mmol/L		
Level 1, certified value	Total Glycerides		1,717 ± 0,036	mmol/L		
Level 2, certified value	Total Glycerides		1,642 ± 0,036	mmol/L		
Level 1, certified value	Total Cholesterol		152,44 ± 1,78	mg/dL		
Level 2, certified value	Total Cholesterol		241,41 ± 2,80	mg/dL		
Level 1, certified value	Total Glycerides		152,0 ± 3,2	mg/dL		
Level 2, certified value	Total Glycerides		145,4 ± 3,2	mg/dL		
Level I, reference value	HDL-Cholesterol		41,0 ± 0,9	mg/dL		
Level II, reference value	HDL-Cholesterol		64,9 ± 1,7	mg/dL		
Level I, reference value	LDL-Cholesterol		86,4 ± 1,4	mg/dL		
Level II, reference value	LDL-Cholesterol		143,8 ± 2,1	mg/dL		
Level I, reference value	Total Cholesterol		154,6 ± 1,1	mg/dL		

Level II, reference value	Total Cholesterol	244,8 ± 1,1	mg/dL
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