

## **Human serum**

Art. ID	NIST-909c
Unit	3 vials x 2 mL each
Deliverydetails	Dry ice shipment /not restricted

### **Description**

This Standard Reference Material (SRM®) 909c is intended primarily for use in validating analytical methods for the determination of specified constituents in human serum. This SRM® can also be used for quality assurance when assigning values to in-house control materials. A unit of NIST-909c consists of three vials of one material. Each vial contains approximately 2 mL of frozen human serum. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Cholesterol	[57-88-5]	3,703 ± 0,081	mmol/L		
	Cholesterol	[57-88-5]	143,2 ± 3,1	mg/dL		
	Creatinine	[60-27-5]	0,07289 ± 0,00161	mmol/L		
	Creatinine	[60-27-5]	0,8245 ± 0,0182	mg/dL		
	Glycerides total		1,214 ± 0,017	mmol/L		
	Glycerides total		107,5 ± 1,5	mg/dL		
	Urea	[57-13-6]	4,321 ± 0,089	mmol/L		
	Urea	[57-13-6]	25,95 ± 0,53	mg/dL		
	Calcium (Ca)	[7440-70-2]	2,52 ± 0,027	mmol/L		
	Calcium (Ca)	[7440-70-2]	10,1 ± 0,11	mg/dL		
	Chloride (Cl)		105,88 ± 0,21	mmol/L		
	Chloride (Cl)		375,37 ± 0,74	mg/dL		
	Magnesium (Mg)	[7439-95-4]	0,8953 ± 0,0066	mmol/L		
	Magnesium (Mg)	[7439-95-4]	2,176 ± 0,016	mg/dL		
	Potassium (K)	[7440-09-7]	4,160 ± 0,069	mmol/L		
	Potassium (K)	[7440-09-7]	16,27 ± 0,27	mg/dL		
	Sodium (Na)	[7440-23-5]	141,84 ± 0,25	mmol/L		
	Sodium (Na)	[7440-23-5]	326,10 ± 0,57	mg/dL		
	Iron (Fe)	[7439-89-6]	16,18 ± 0,7	µmol/L		
	Iron (Fe)	[7439-89-6]	90,34 ± 3,89	µg/dL		
	Selenium (Se)	[7782-49-2]	1,503 ± 0,035	µmol/L		
	Selenium (Se)	[7782-49-2]	118,7 ± 3,3	ng/mL		
	Total Transferrin (Tf)		2,28 ± 0,11	g/L		