

Vitamin D Metabolites in Frozen Human Serum (Total 25-Hydroxyvitamin D Low Level)

Art. ID	NIST-2969
Unit	2 x 1 mL
Deliverydetails	Dry ice shipment /not restricted

Description

The certified values delivered by this Standard Reference Material (SRM) are intended for validating methods for determining vitamin D metabolites in human serum and plasma and qualifying control materials produced in-house and analyzed using those methods. A unit of SRM 2969 consists of two vials of one concentration level of frozen human serum. Each vial contains approximately 1.0 mL serum. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Mass Fraction	25-Hydroxyvitamin D2	[21343-40-8]	1,96 ± 0,05	ng/g		
Mass Concentration	25-Hydroxyvitamin D2	[21343-40-8]	2,01 ± 0,05	ng/mL		
Amount Concentration	25-Hydroxyvitamin D2	[21343-40-8]	4,9 ± 0,1	mmol/L		
Mass Fraction	25-Hydroxyvitamin D3	[19356-17-3]	11,7 ± 0,3	ng/g		
Mass Concentration	25-Hydroxyvitamin D3	[19356-17-3]	11,9 ± 0,3	ng/mL		
Amount Concentration	25-Hydroxyvitamin D3	[19356-17-3]	29,8 ± 0,7	mmol/L		
Mass Fraction	Total 25-hydroxyvitamin D		13,6 ± 0,3	ng/g		
Mass Concentration	Total 25-hydroxyvitamin D		13,9 ± 0,3	ng/mL		
Amount Concentration	Total 25-hydroxyvitamin D		34,7 ± 0,7	mmol/L		
Serum Density at 23 °C	Density		1,0235 ± 0,0003	g/mL		