

## **Vitamin D Metabolites in Frozen Human Serum (25-Hydroxyvitamin D2 High Level)**

Art. ID	NIST-2970
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 2970 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]	23,0 ± 0,3	ng/g		
Mass Concentration	25-Hydroxyvitamin D2	[21343-40-8]	23,5 ± 0,3	ng/mL		
Amount Concentration	25-Hydroxyvitamin D2	[21343-40-8]	56,9 ± 0,8	mmol/L		
Mass Fraction	25-Hydroxyvitamin D3	[19356-17-3]	9,42 ± 0,24	ng/g		
Mass Concentration	25-Hydroxyvitamin D3	[19356-17-3]	9,63 ± 0,31	ng/mL		
Amount Concentration	25-Hydroxyvitamin D3	[19356-17-3]	24,0 ± 0,8	mmol/L		
Mass Fraction	Total 25-hydroxyvitamin D		32,4 ± 0,4	ng/g		
Mass Concentration	Total 25-hydroxyvitamin D		33,1 ± 0,4	ng/mL		
Amount Concentration	Total 25-hydroxyvitamin D		81,0 ± 1,1	mmol/L		
	Serum Density at 23 °C		1,0223 ± 0,0015	g/mL		