

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

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|-----------------|----------------------------------|
| 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 | | |