

105.5 - Vitamin D Metabolites for Clinical Laboratory Materials (serum, plasma, and calibration solutions)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	24R,25-Dihydroxyvitamin D3	25-hydroxyvitamin D2	25-hydroxyvitamin D3	3-epi-25-hydroxyvitamin D3	Total 25-hydroxyvitamin D	Vitamin D-protein binding	1α,25-dihydroxyvitamin D3
968f	Fat-Soluble Vitamins in Frozen Human Serum	2 vials x 1 mL		<i>2 levels: 14.0 ng/mL, 16.9 ng/mL</i>					
972a	Vitamin D Metabolites in Frozen Human Serum	4 vials x 1 mL	4 levels: 2.60 ng/g, 1.38 ng/g, 1.58 ng/g, 2.58 ng/g	2 levels: 0.79 ng/g, 12.9 ng/g <i>2 levels: 0.52 ng/g, 0.54 ng/g</i>	4 levels: 28.1 ng/g, 17.7 ng/g, 19.4 ng/g, 28.8 ng/g	1 levels: 1.14 ng/g <i>2 levels: 0.52 ng/g, 0.54 ng/g</i>	<i>2 levels: 18.5 ng/g, 32.3 ng/g</i> <i>2 levels: 28.7 ng/g, 29.3 ng/g</i>		
1949	Frozen Human Prenatal Serum	8 vials (2 each level)		<i>3 levels: 1.20 ng/mL, 0.514 ng/mL, and 0.897 ng/mL (1 level 0.278 ng/mL)</i>	<i>4 levels: 24.98 ng/mL, 26.01 ng/mL, 30.00 ng/mL, 29.43 ng/m</i>	<i>4 levels: 1.32 ng/mL, 1.43 ng/mL, 1.87 ng/mL, 1.87 ng/mL</i>		<i>4 levels: 211.5 µg/mL, 286.7 µg/mL, 349.7 µg/mL, 383.4 µg/mL</i>	
1950	Metabolites in Frozen Human Plasma	5 vials x 1 mL		<i>0.51 ng/g</i>	24.27 ng/g			175 mg/L	
2968	3-Epi-25-Hydroxyvitamin D3 Calibration Solution	5 ampoules x 1.2 mL				293.4 ng/g			
2969	Vitamin D Metabolites in Frozen Human Serum (2 x 1 mL Total 25-Hydroxyvitamin D Low Level)			1.96 ng/g	11.7 ng/g		13.6 ng/g		
2970	Vitamin D Metabolites in Frozen Human Serum (2 x 1 mL 25-Hydroxyvitamin D2 High Level)			23.0 ng/g	9.42 ng/g		32.4 ng/g		
2971	24R,25-Dihydroxyvitamin D3 Calibration Solution	5 ampoules x 1 mL	1.0544 µg/g						
2972b	25-Hydroxyvitamin D Calibration Solutions	15 ampoules x 1.2 mL		293.6 ng/g	2 levels (410.0 ng/g, 812 ng/g)				
2973	Vitamin D Metabolites in Frozen Human Serum (2 vials x 1 mL High Level)		3.06 ng/g	<i>0.64 ng/g</i>	38.6 ng/g	<i>2.05 ng/g</i>			<i>0.055 ng/g</i>

- Certified values are normal font
- Non-certified or reference values are italicized
- Non-certified values in parentheses are for information only