

Product Datasheet

25-hydroxy Vitamin D3 ELISA Kit (Colorimetric) NBP2-66361

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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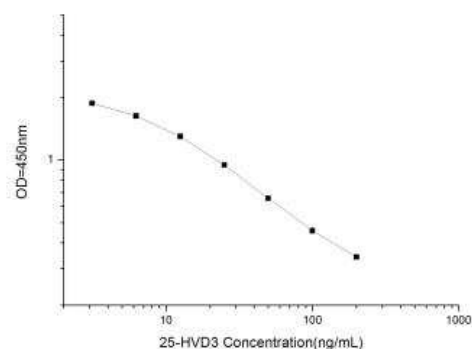
NBP2-66361**25-hydroxy Vitamin D3 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Specificity/Sensitivity	This kit recognizes 25-hydroxy Vitamin D3 in samples. No significant cross-reactivity or interference between 25-hydroxy Vitamin D3 and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	3.13 - 200 ng/mL
Sensitivity	1.88 ng/mL
Inter Assay	CV% < 4.96%
Intra Assay	CV% < 5.02%
Assay Type	Competitive-ELISA
Spiking Recovery	87-112%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

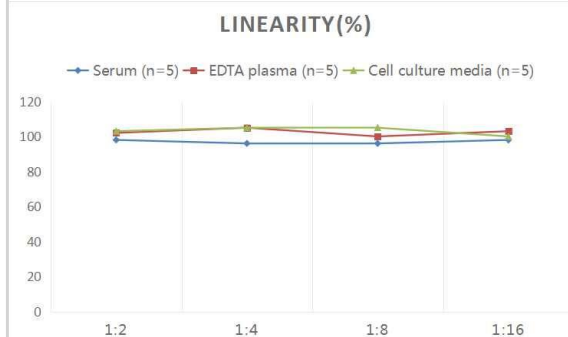


Images

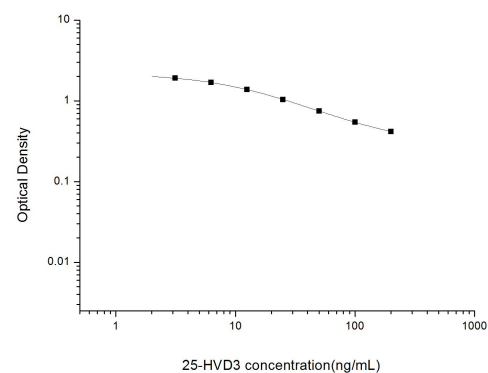
Universal 25-hydroxy Vitamin D3 ELISA Kit (Colorimetric) [NBP2-66361]
- Standard Curve Reference



ELISA: 25-hydroxy Vitamin D3 ELISA Kit (Colorimetric) [NBP2-66361] - Samples were spiked with high concentrations of 25-hydroxy Vitamin D3 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: 25-hydroxy Vitamin D3 ELISA Kit (Colorimetric) [NBP2-66361] - Standard Curve Reference



Publications

Alabdullatif W, Almnaizel A, Alhijji A et al. Correlation of Plasma 25(OH)D3 and Vitamin D Binding Protein Levels with COVID-19 Severity and Outcome in Hospitalized Patients Nutrients 2023-04-10 [PMID: 37111039] (ELISA)



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Products Related to NBP2-66361

NBP2-61593	25-hydroxy Vitamin D3 Antibody (RM3)
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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