

Product Datasheet

Human Collagen IV ELISA Kit (Colorimetric) NBP2-75864

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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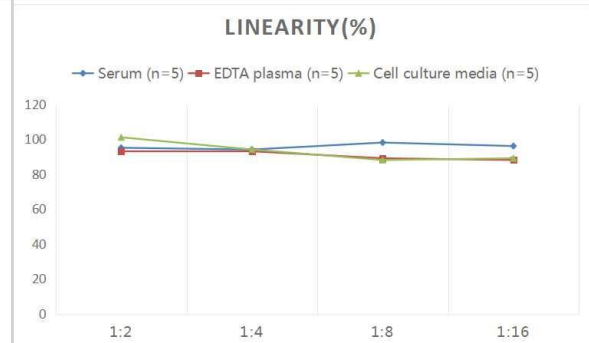
NBP2-75864**Human Collagen IV ELISA Kit (Colorimetric)**

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	
Gene ID	1282
Gene Symbol	COL4A1
Species	Human
Specificity/Sensitivity	This kit recognizes Human COL4 in samples. No significant cross-reactivity or interference between Human COL4 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	0.78 - 50 ng/mL
Sensitivity	0.47 ng/mL
Inter Assay	CV% < 5.19%
Intra Assay	CV% < 5%
Assay Type	Sandwich-ELISA
Spiking Recovery	86-106%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

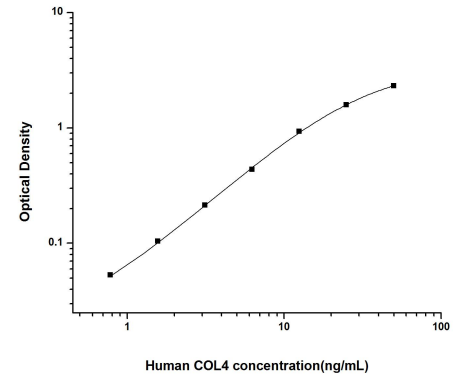


Images

ELISA: Human Collagen IV ELISA Kit (Colorimetric) [NBP2-75864] - Samples were spiked with high concentrations of Human Collagen IV and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Collagen IV ELISA Kit (Colorimetric) [NBP2-75864] - Standard Curve Reference



Publications

Zuo T, Xie Q, Liu J et al. Macrophage-derived cathepsin S remodels the extracellular matrix to promote liver fibrogenesis Gastroenterology 2023-05-30 [PMID: 37263311] (ELISA)



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Products Related to NBP2-75864

NBP1-97245	Collagen IV Native Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
NB120-6586	Collagen IV Antibody
DVE00	VEGF [HRP]

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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