

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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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

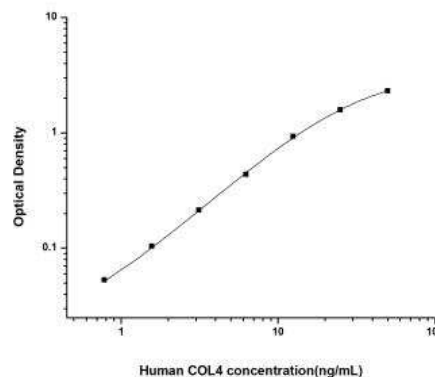
Gene ID	1282
Gene Symbol	COL4A1
Species	Human
Specificity/Sensitivity	This kit recognizes Human COL4 in samples. No significant cross-reactivity or interference between Human COL4 and analogues was observed.
Kit Components	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis
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

Human Collagen IV - 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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