

Product Datasheet

Human Claudin-5 ELISA Kit (Colorimetric) NBP2-75332

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 3

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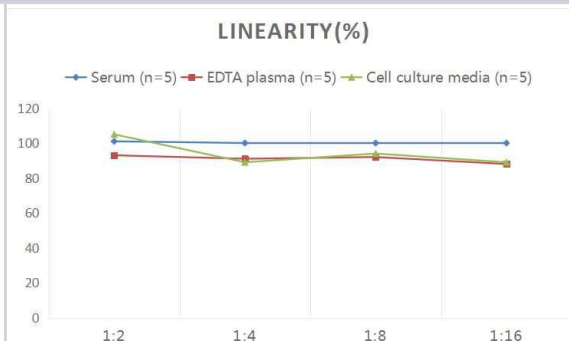
NBP2-75332**Human Claudin-5 ELISA Kit (Colorimetric)**

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	7122
Gene Symbol	CLDN5
Species	Human
Specificity/Sensitivity	This kit recognizes Human CLDN5 in samples. No significant cross-reactivity or interference between Human CLDN5 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	0.16 - 10 ng/mL
Sensitivity	0.10 ng/mL
Inter Assay	CV% < 5.35%
Intra Assay	CV% < 4.82%
Assay Type	Sandwich-ELISA
Spiking Recovery	93-109%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

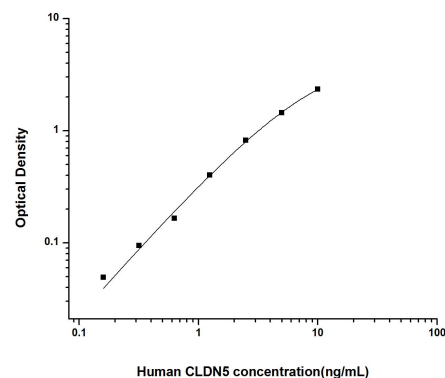


Images

ELISA: Human Claudin-5 ELISA Kit (Colorimetric) [NBP2-75332] - Samples were spiked with high concentrations of Human Claudin-5 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Claudin-5 ELISA Kit (Colorimetric) [NBP2-75332] - Standard Curve Reference



Publications

Takanori Iwamoto, Takaya Kitano, Naoki Oyama, Yoshiki Yagita, Quan Jiang Predicting hemorrhagic transformation after large vessel occlusion stroke in the era of mechanical thrombectomy PLoS ONE 2021-08-16 [PMID: 34398910]

Hochman E, Taler M, Flug R et al. Serum claudin-5 levels among patients with unipolar and bipolar depression in relation to the pro-inflammatory cytokine tumor necrosis factor-alpha levels Brain, behavior, and immunity 2023-01-24 [PMID: 36706845] (ELISA, Human)

Details:
Serum samples

Choi J, Kim J, Park M, Lee H Effects of Flavonoid-Rich Orange Juice Intervention on Major Depressive Disorder in Young Adults: A Randomized Controlled Trial Nutrients 2022-12-28 [PMID: 36615801] (ELISA)



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Products Related to NBP2-75332

H00007122-Q01-10ug	Recombinant Human Claudin-5 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-02259	Claudin-5 Antibody (OT11G4)
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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