

Product Datasheet

Human TMPRSS2 ELISA Kit (Chemiluminescence) NBP2-89171

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 2

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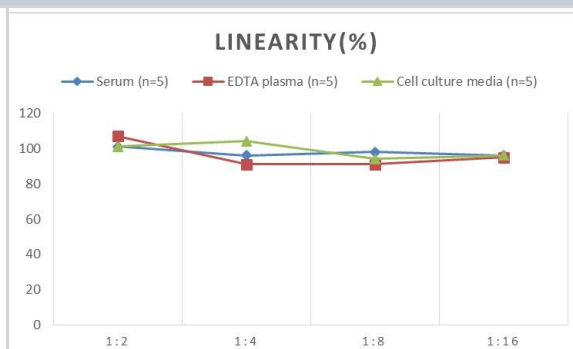


NBP2-89171**Human TMPRSS2 ELISA Kit (Chemiluminescence)**

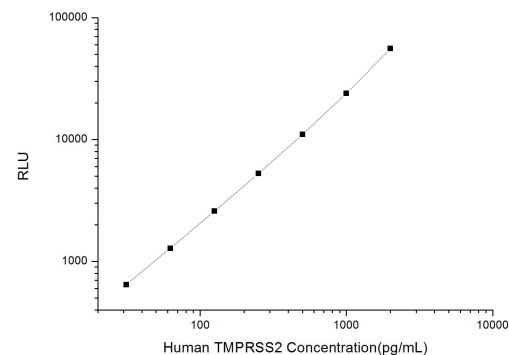
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	7113
Gene Symbol	TMPRSS2
Species	Human
Specificity/Sensitivity	This Human TMPRSS2 ELISA Kit (Chemiluminescence) recognizes Human TMPRSS2 in samples. No significant cross-reactivity or interference between Human TMPRSS2 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	31.25-2000 pg/mL
Sensitivity	18.75 pg/mL
Inter Assay	CV% < 389
Intra Assay	CV% < 391
Assay Type	Sandwich-ELISA
Spiking Recovery	87-112%
Suitable Sample Type	Serum, plasma, cell supernatant, and other biological fluids
Sample Volume	100 ul
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Human Tmprss2 ELISA Kit (Chemiluminescence) [NBP2-89171] - Samples were spiked with high concentrations of Human Tmprss2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Tmprss2 ELISA Kit (Chemiluminescence) [NBP2-89171] - Standard Curve Reference



Publications

Michael James Houghton, Eglantine Balland, Matthew James Gartner, Belinda Jane Thomas, Kanta Subbarao, Gary Williamson The flavonoid quercetin decreases ACE2 and Tmprss2 expression but not SARS-CoV-2 infection in cultured human lung cells. *BioFactors* (Oxford, England) 2024-06-17 [PMID: 38886986]

Cleemput J, Snippenberg W, Lambrechts L et al. Organ-specific genome diversity of replication-competent SARS-CoV-2 *Nat Commun* 2021-11-17 [PMID: 34785663] (ELISA)



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Products Related to NBP2-89171

H00007113-Q01-10ug	Recombinant Human TMPRSS2 GST (N-Term) Protein
AF933	ACE-2 Antibody [Unconjugated]
NBP1-20984	TMPRSS2 Antibody
AF262	Amphiregulin Antibody

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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