

Product Datasheet

Human IL-1 alpha/IL-1F1 ELISA Kit (Colorimetric) NBP1-91187

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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Publications: 1

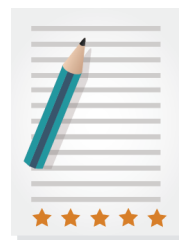
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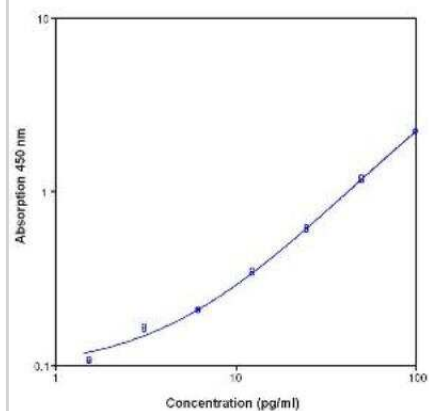
NBP1-91187**Human IL-1 alpha/IL-1F1 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	96 Tests
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	
Description	This kit is an enzyme-linked immunosorbent assay for quantitative detection.
Gene ID	3552
Gene Symbol	IL1A
Species	Human
Specificity/Sensitivity	The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human IL-1 alpha positive serum. There was no crossreactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with polyclonal antibody to human IL-1alpha, Biotin-Conjugate anti-human IL-1alpha polyclonal antibody, Streptavidin-HRP, Human IL-1alpha Standard lyophilized, 200 pg/mL upon reconstitution, Sample Diluent, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Blue-Dye, Green-Dye, Red-Dye, Adhesive Films
Standard Curve Range	1.6 - 100 pg/mL
Sensitivity	1.1 pg/mL
Inter Assay	CV% < 10%
Intra Assay	CV% < 5.40%
Assay Type	Sandwich ELISA
Spiking Recovery	The amount of endogenous human IL-1 alpha in unspiked samples was subtracted from the spike values. The overall mean recovery was 92%.
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin), urine
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

Human IL-1 alpha/IL-1F1 ELISA Kit [NBP1-91187] - Data for Human IL-1alpha Platinum ELISA



Publications

Chen YJ, Lin TL, Cai Z et al. Assessment of acute pancreatitis severity via determination of serum levels of hsa-miR-126-5p and IL-6 Experimental and Therapeutic Medicine 2020-11-09 [PMID: 33262812] (ELISA)



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Products Related to NBP1-91187

NBP2-35227-100ug	Recombinant Rat IL-1 alpha/IL-1F1 Protein
236-EG-200	EGF [Unconjugated]
200-LA-002	IL-1 alpha/IL-1F1
210-TA-005	TNF-alpha [Unconjugated]

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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