

Product Datasheet

Rat IL-17/IL-17A ELISA Kit (Colorimetric) NBP1-92705

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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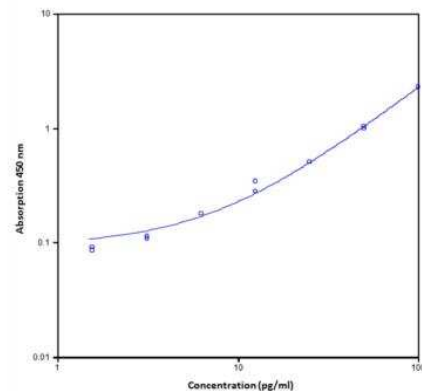


NBP1-92705**Rat IL-17/IL-17A ELISA Kit (Colorimetric)**

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	The rat IL-17A ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of rat IL-17A.
Gene ID	3605
Gene Symbol	IL17A
Species	Rat
Specificity/Sensitivity	Crossreactivity and interference of circulating factors of the immune system were evaluated by spiking these proteins at physiologically relevant concentrations into a rat IL-17A positive sample. There was no crossreactivity detected, notably not with rat IFN gamma, rat TNF alpha, rat IL-1 alpha, rat IL-4, rat MCP-1, rat GM-CSF.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to rat IL-17A, Biotin-Conjugate anti-rat IL-17A monoclonal antibody, Streptavidin-HRP, Rat IL-17A 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), Adhesive Films
Standard Curve Range	1.6 - 100 pg/mL
Sensitivity	1.0 pg/mL
Inter Assay	CV% < 7.6%
Intra Assay	CV% < 8.5%
Assay Type	Sandwich ELISA
Spiking Recovery	Please see protocol for more specific Spike Recovery details.
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin)
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: IL-17/IL-17A ELISA Kit [HRP] [NBP1-92705] - Standard curve



Publications

McColl, ER;Henderson, JT;Piquette-Miller, M; Dysregulation of Amino Acid Transporters in a Rat Model of TLR7-Mediated Maternal Immune Activation *Pharmaceutics* 2023-07-01 [PMID: 37514044] (ELISA)



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Products Related to NBP1-92705

NBP2-35040-5ug	Recombinant Human IL-17/IL-17A Protein
210-TA-005	TNF-alpha [Unconjugated]
DY421-05	IL-17/IL-17A [Biotin]
M6000B-1	IL-6 [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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