

Product Datasheet

Mouse TNF-alpha ELISA Kit (Colorimetric) NBP2-31085

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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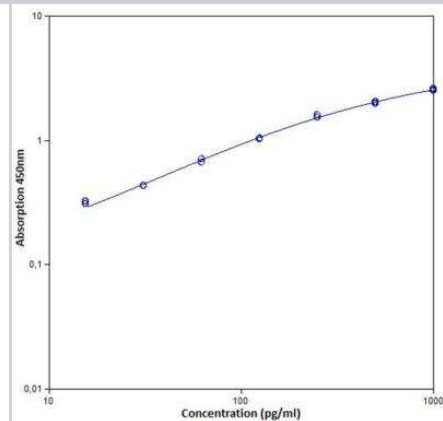


NBP2-31085**Mouse TNF-alpha ELISA Kit (Colorimetric)**

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 mouse TNF-alpha ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of mouse TNF-alpha.
Gene ID	7124
Gene Symbol	TNF
Species	Mouse
Specificity/Sensitivity	The assay detects both natural and recombinant mouse TNF alpha. The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into mouse IL-10 positive serum. There was no crossreactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with polyclonal antibody to mouse TNF-alpha, Biotin-Conjugate anti-mouse TNF-alpha polyclonal antibody, Streptavidin-HRP, Mouse TNF-alpha Standard lyophilized, 2 ng/mL upon reconstitution, Calibrator Diluent, 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	31.3 - 2000 pg/mL
Sensitivity	3.7 pg/ml
Inter Assay	CV% < 5.7%
Intra Assay	CV% < 6.5%
Assay Type	Sandwich ELISA
Spiking Recovery	Please See Protocol for Specific Spike Recovery Details
Suitable Sample Type	Cell Culture Supernatants, Plasma (EDTA, citrate), buffered solution, Serum
Sample Volume	50 ul
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Mouse TNF-alpha ELISA Kit (Colorimetric) [NBP2-31085] - Standard Curve



Publications

Can Wei, Meixin Shi, Shiyun Dong, Zhitao Li, Bingbing Zhao, Dan Liu, Guopeng Li, Jie Cen, Ligen Yu, Xiao Liang, Lili Shi SIRT5-related lysine demalonylation of GSTP1 contributes to cardiomyocyte pyroptosis suppression in diabetic cardiomyopathy International Journal of Biological Sciences 2024-01-01 [PMID: 38169591]

Luan G, Pan F, Bu L Et Al. Butorphanol Promotes Macrophage Phenotypic Transition to Inhibit Inflammatory Lung Injury via kappa Receptors Frontiers in immunology 2021-07-07 [PMID: 34305926] (ELISA)

Wang J, Zhao L, Li Y et al. HuR induces inflammatory responses in HUVECs and murine sepsis via binding to HMGB1. Mol Med Rep 2018-01-01 [PMID: 29115544] (ELISA, Mouse)



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Products Related to NBP2-31085

NBP2-35076-10ug	Recombinant Human TNF-alpha Protein
M6000B-1	IL-6 [HRP]
210-TA-005	TNF-alpha [Unconjugated]
201-LB-005	IL-1 beta/IL-1F2 [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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