

Product Datasheet

Rat IL-6 ELISA Kit (Colorimetric) NBP1-92697

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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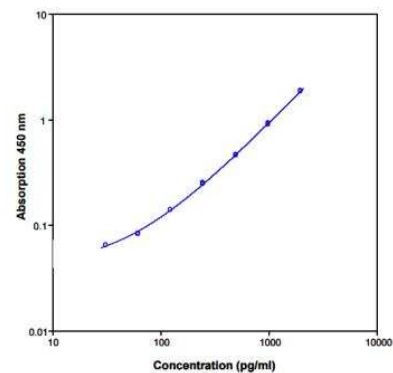


NBP1-92697**Rat IL-6 ELISA Kit (Colorimetric)**

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.
Buffer	Please see components for buffer contents.
Product Description	
Description	The rat IL-6 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of rat IL-6
Gene ID	3569
Gene Symbol	IL6
Species	Rat
Specificity/Sensitivity	The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a rat IL-6 positive serum. There was no crossreactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to rat IL-6, Biotin-Conjugate anti-rat IL-6 monoclonal antibody, Streptavidin-HRP, Rat IL-6 Standard lyophilized, 4 ng/mL upon reconstitution, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethylbenzidine), Stop Solution (1M Phosphoric acid), Adhesive Films
Standard Curve Range	31.0 - 2,000 pg/mL
Sensitivity	12.0 pg/mL
Inter Assay	CV% < 10%
Intra Assay	CV% < 5.0%
Assay Type	Sandwich ELISA
Spiking Recovery	Please See Protocol for Specific Spike Recovery Details
Suitable Sample Type	Cell culture supernatant, serum
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: IL-6 ELISA Kit [Biotin] [NBP1-92697] - Standard curve



Publications

ALRashdi BM, Mohamed RA, Mohamed AH et al. Therapeutic activity of green synthesized selenium nanoparticles from turmeric against cisplatin-induced oxido-inflammatory stress and cell death in mice kidney Bioscience reports 2023-11-30 [PMID: 37902021]

Mohamed K, Abdelfattah M, El-khadragy M et al. Rutin-loaded selenium nanoparticles modulated the redox status, inflammatory, and apoptotic pathways associated with pentylenetetrazole-induced epilepsy in mice Green Processing and Synthesis 2023-01-26 (ELISA, Mouse)

Liu Y, Shen W, Chen Q et al. Inhibition of RAGE by FPS-ZM1 alleviates renal injury in spontaneously hypertensive rats European Journal of Pharmacology 2020-06-01 [PMID: 32502492] (ELISA, Rat)



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Products Related to NBP1-92697

NBP2-62462	Recombinant Bovine IL-6 Protein
210-TA-005	TNF-alpha [Unconjugated]
D6050B	IL-6 [HRP]
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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