

Product Datasheet

Human IL-21 ELISA Kit (Colorimetric) NBP1-84816

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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Updated 10/23/2024 v.20.1

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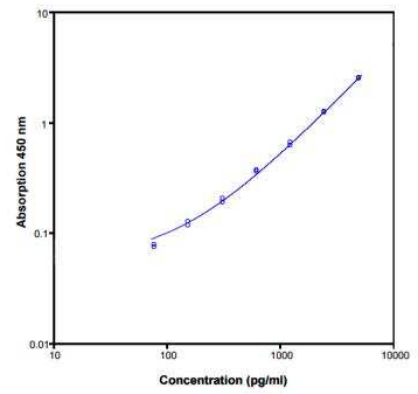
NBP1-84816**Human IL-21 ELISA Kit (Colorimetric)**

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	59067
Gene Symbol	IL21
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant human IL-21. The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into serum. There was no crossreactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human IL-21, Biotin-Conjugate anti-human IL-21 monoclonal antibody, Streptavidin-HRP, Human IL-21 Standard lyophilized, 10 ng/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	78 - 5,000 pg/mL
Sensitivity	20.0 pg/mL
Inter Assay	CV% < 7.7%
Intra Assay	CV% < 5.8%
Assay Type	Sandwich ELISA
Spiking Recovery	The mean recovery for sera was 71%, for plasma (EDTA) 42%, for plasma (citrate) 58% and for cell culture supernatant 95%.
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, citrate), buffered solution
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

ELISA: IL-21 ELISA Kit [NBP1-84816] - Standard curve





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Products Related to NBP1-84816

NBP2-35241-10ug	Recombinant Rat IL-21 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF594	IL-21 Antibody [Unconjugated]
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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