

Product Datasheet

Human IL-29/IFN-lambda 1 ELISA Kit (Colorimetric) NBP1-84819

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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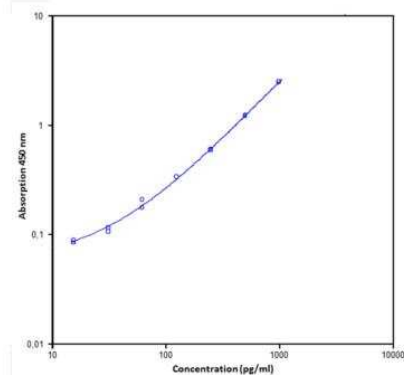


NBP1-84819**Human IL-29/IFN-lambda 1 ELISA Kit (Colorimetric)**

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 human IL-29 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human IL-29
Gene ID	282618
Gene Symbol	IFNL1
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant human IL-29/IFNlambda 1. The cross-reactivity and interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human IL-29/IFNlambda 1 positive sample. There was no cross-reactivity or interference detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human IL-29, Biotin-Conjugate anti-human IL-29 monoclonal antibody, Streptavidin-HRP, Human IL-29 Standard lyophilized, 2 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	15.6 - 1,000 pg/mL
Sensitivity	2.0 pg/mL
Inter Assay	CV% < 7.1%
Intra Assay	CV% < 7.6%
Assay Type	Sandwich ELISA
Spiking Recovery	Please See Protocol for Specific Spike Recovery Details
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA, citrate, heparin), buffered solution
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: IL-29/IFN-lambda 1 ELISA Kit [NBP1-84819] - Standard curve



Publications

Burke JM, Gilchrist AR, Sawyer SL, Parker R RNase L limits host and viral protein synthesis via inhibition of mRNA export Science advances 2021-06-01 [PMID: 34088676] (ELISA)



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Products Related to NBP1-84819

NBP2-34996-5ug	Recombinant Human IL-29/IFN-lambda 1 Protein
210-TA-005	TNF-alpha [Unconjugated]
1598-IL-025	IL-29/IFN-lambda 1 [Unconjugated]
6507-IL-010/CF	IL-4 [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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