

Product Datasheet

Human IL-33 ELISA Kit (Colorimetric) NBP1-84818

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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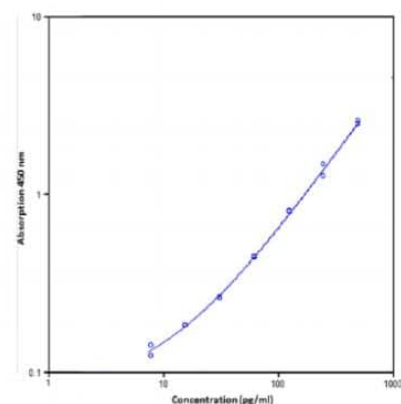
NBP1-84818**Human IL-33 ELISA Kit (Colorimetric)**

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-33 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human IL-33
Gene ID	90865
Gene Symbol	IL33
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant human IL-33. 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-33 positive sample. No cross reactivity or interference was detected, notably not with IL-1 alpha, IL-1 beta, and IL-18.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with polyclonal polyclonal antibody to human IL-33, Biotin-Conjugate anti-human IL-33 polyclonal polyclonal antibody, Streptavidin-HRP, Human IL-33 Standard lyophilized, 500 pg/ml upon reconstitution, Sample Diluent, Conjugate Diluent, Calibrator 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	7.8 - 500 pg/mL
Sensitivity	0.2 pg/mL
Inter Assay	CV% < 6.9%
Intra Assay	CV% < 4.7%
Assay Type	Sandwich ELISA
Spiking Recovery	99%
Suitable Sample Type	Cell culture supernatant, serum, plasma (citrate, heparin), buffered solution
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

Sandwich ELISA: IL-33 ELISA Kit (Colorimetric) [NBP1-84818] - Representative standard curve for human IL-33 ELISA. Human IL-33 was diluted in serial 2-fold steps in Calibrator Diluent. Do not use this standard curve to derive test results. A standard curve must be run for each group of microwell strips assayed.





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Products Related to NBP1-84818

NBP2-35248-10ug	Recombinant Rat IL-33 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF3626	IL-33 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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