

Product Datasheet

Human TNF-alpha ELISA Kit (Colorimetric) NBP1-83741

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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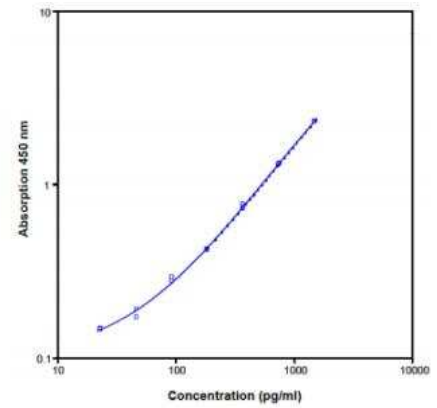
NBP1-83741**Human TNF-alpha ELISA Kit (Colorimetric)**

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 human TNF-alpha total ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human TNF-alpha
Gene ID	7124
Gene Symbol	TNF
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant Product. The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human TNF alpha positive serum. There was no interference detected, namely not with TNF-R (60 kDa and 80 kDa).
Kit Components	1 vial (2.2 ml) monoclonal Coating Antibody to human TNF-alpha total (100 ug/ml), 1 vial (55 ul) Biotin-Conjugate anti-human TNF-alpha total polyclonal antibody, 1 vial (22 ul) Streptavidin-HRP, 1 vial human TNF-alpha total Standard protein lyophilized, 30 ng/ml upon reconstitution dilution, 2 vials (50 ml) Sample Diluent
Standard Curve Range	23 - 1,500 pg/mL
Sensitivity	5.0 pg/mL
Inter Assay	CV% < 8.1%
Intra Assay	CV% < 7.7%
Assay Type	Sandwich ELISA
Spiking Recovery	The recovery ranged from 76% to 115% with an overall mean recovery of 90%. Please see protocol for more specific Spike Recovery details.
Suitable Sample Type	Cell culture supernatant, serum, and plasma (EDTA, citrate, heparin)
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

Sandwich ELISA: Human TNF-alpha ELISA Kit (Colorimetric) [NBP1-83741] - Representative standard curve for human TNF alpha total ELISA. Human TNF alpha was diluted in serial 2-fold steps in Sample 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 NBP1-83741

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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