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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NBP1-83741

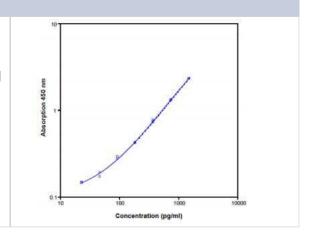
Human TNF-alpha ELISA Kit (Colorimetric)

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|-----------------------------|---|
| 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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