

Rabbit anti-Human TNF-alpha mAb(DET)

Catalog No.: RM17658

Basic Information

Catalog No.
RM17658

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
< 1.0 EU/μg of the protein by LAL method.

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1% Braveds MB-1, PH 7.4.

Contact

 | order@abclonal.com

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Background

Tumor necrosis factor alpha (TNFα) is a cytokine produced primarily by monocytes and macrophages. It is found in synovial cells and macrophages in the tissues. The primary role of TNFα is in the regulation of immune cells. TNFα is able to induce apoptotic cell death, to induce inflammation, and to inhibit tumorigenesis and viral replication. Dysregulation of TNFα production has been implicated in a variety of human diseases, including major depression, Alzheimer's disease and cancer. Recombinant TNFα is used as an immunostimulant under the INN tasonermin. TNFα can be produced ectopically in the setting of malignancy and parallels parathyroid hormone both in causing secondary hypercalcemia and in the cancers with which excessive production is associated.

Immunogen Information

Immunogen
Recombinant TNF-alpha Protein

Cross-Reactivity

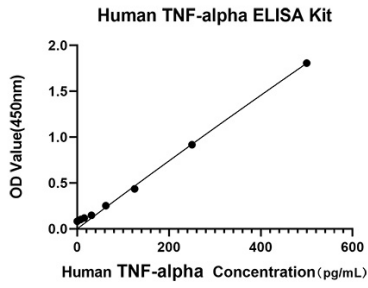
No cross-reactivity in ELISA assay with recombinant hNFKB1 □mTNFA□rTNFA

Assay Applications

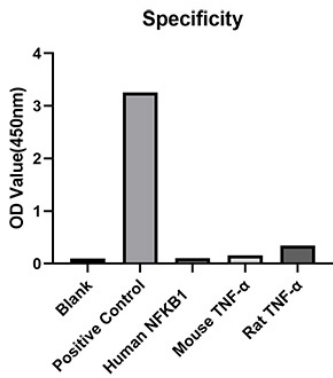
Human TNF-alpha Sanwich ELISA Immunoassay

| | Recommended Concentration | Sample |
|-----------------|---------------------------|---|
| ELISA Capture | 0.5-2ug/mL | Rabbit anti-Human TNF-alpha(CAP)(Cat. No.RM17657) |
| ELISA Detection | 0.006-0.025ug/mL | Rabbit anti-Human TNF-alpha(DET)(Cat. No.RM17658) |
| Standard | 7.81-500pg/mL | Recombinant Human TNF-alpha Protein |

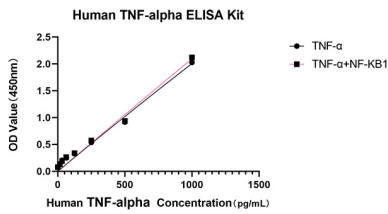
Validation Data



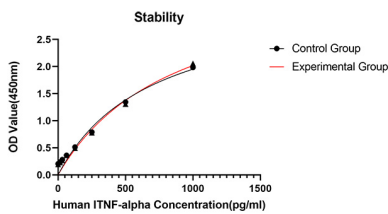
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



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Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.