

Rabbit anti-Human TNF- α (CAP)

Catalog No.: RM17748

Basic Information

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RM17748

Catagory
Elisa Antibody Kit

Application
CLIA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


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 0.2umfiltered solution in PBS with 0.1% Braveds MB-1 , Ph7.4.

Contact

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Background

Tumor necrosis factor alpha (TNF α) is a cytokine produced primarily by monocytes and macrophages. It is found in synovial cells and macrophages in the tissues. The primary role of TNF α is in the regulation of immune cells. TNF α is able to induce apoptotic cell death, to induce inflammation, and to inhibit tumorigenesis and viral replication. Dysregulation of TNF α production has been implicated in a variety of human diseases, including major depression, Alzheimer's disease and cancer. Recombinant TNF α is used as an immunostimulant under the INN tasonermin. TNF α 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 Human TNF- α Protein

Cross-Reactivity

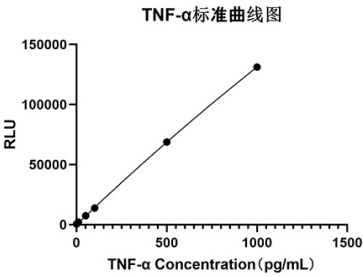
No cross-reactivity in ELISA assay with recombinant hNFKB1 \square mTNFA \square rTNFA

Assay Applications

Human TNF- α Sanwich CLIA Immunoassay

	Recommended Concentration	Sample
CLIA Capture	1-4ug/mL	Rabbit anti-Human TNF- α (CAP)(Cat. No.RM17748)
CLIA Detection	0.5-2ug/mL	Rabbit anti-Human TNF- α (DET)(Cat. No.RM17658)
Standard	10-1000pg/mL	Recombinant Human TNF- α Protein

Validation Data



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