

Human TNF-alpha (Tumor Necrosis Factor Alpha) CLIA Kit | TNF-a clia kit

Human TNF-alpha (Tumor Necrosis Factor Alpha) CLIA Kit

CATALOG #
AAA171050

REACTIVITY
Human

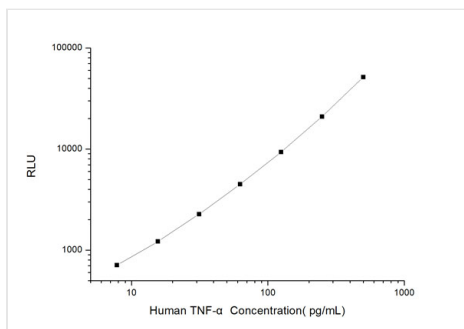
PRODUCT SYNONYMS

TNF-alpha (Tumor Necrosis Factor Alpha); Human TNF-alpha (Tumor Necrosis Factor Alpha) CLIA Kit; DIF; TNF-alpha; TNFA; TNFSF2; Human TNF-a (Tumor Necrosis Factor Alpha) CLIA Kit; Human TNF-a; TNF-a clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant TNF-alpha. No significant cross-reactivity or interference between TNF-alpha and analogues was observed.
Sequence Length	312
Assay Type	Sandwich
Detection Range	7.813-500 pg/mL
Sensitivity	Min: 4.688 pg/mL; Max: 500 pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-a clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of TNF-alpha concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TNF-alpha. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TNF-alpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TNF-alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TNF-alpha. You can calculate the concentration of TNF-alpha in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189409065
NCBI GeneID	100169660
NCBI Accession #	NP_001121579.1
NCBI GenBank Nucleotide #	NM_001128107.1
NCBI Official Full Name	tumor necrosis factor alpha
NCBI Official Symbol	tnfa
NCBI Protein Information	tumor necrosis factor alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tnf-a-human-clia-kits/tnf-alpha-tumor-necrosis-factor-alpha/171050>