

TNF-alpha ELISA Pair Set | TNF elisa pair set

TNF-alpha Matched ELISA Antibody Pair Set, Human

CATALOG #
AAA257395

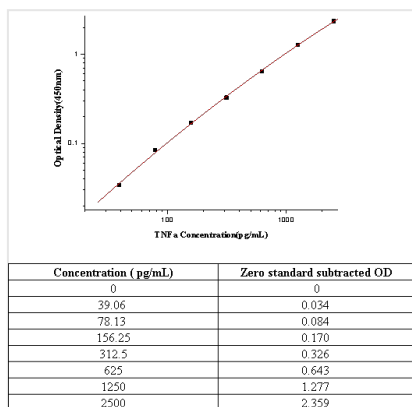
PRODUCT SYNONYMS

TNF-alpha; TNF-alpha Matched ELISA Antibody Pair Set; Human; Human TNF-alpha/TNFA/TNFSF2 ELISA Pair Set; tumor necrosis factor; DIF Matched ELISA Antibody Pair Set; TNFA Matched ELISA Antibody Pair Set; TNFSF2 Matched ELISA Antibody Pair Set; TNF elisa pair set

PRODUCT SPECIFICATIONS

Specificity	Quantitative determination of Human TNF-alpha
Assay Type	Solid Phase Sandwich ELISA
Detection Range	39.06-2500pg/mL
Sensitivity	39.06pg/ml
Materials Provided	- Capture Antibody 1 mg/mL of mouse anti-Human TNF-alpha/TNFA/TNFSF2 monoclonal antibody (in PBS, pH 7.4). Dilute to a working concentration of 2ug/mL in PBS before coating. - Detection Antibody 0.2 mg/mL of mouse anti-Human TNF-alpha/TNFA/TNFSF2 monoclonal antibody conjugated to horseradish-peroxidase (HRP) (in PBS, 50 % HRP-Protector, pH 7.4, store at 4 degree C). Dilute to working concentration of 0.3ug/mL in Dilution Buffer before use. - Standard Each vial contains 55 ng of recombinant Human TNF-alpha/TNFA/TNFSF2. Reconstitute with 1 mL Dilution Buffer. After reconstitution, store at -20 degree C to -80 degree C in a manual defrost freezer. A seven-point standard curve using 2-fold serial dilutions in Dilution Buffer, and a high standard of 2500 pg/mL is recommended.
Preparation and Storage	Capture Antibody: Aliquot and store at -20 degree C to -80 degree C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles. Detection Antibody: Store at 4 degree C and protect it from prolonged exposure to light for up to 6 months from date of receipt. DO NOT FREEZE! Standard: Store lyophilized standard at -20 degree C to -80 degree C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80 degree C for up to 1 month. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for TNF elisa pair set	Tumor necrosis factor alpha (TNF-alpha), also known as TNF, TNFA or TNFSF2, is the prototypic cytokine of the TNF superfamily, and is a multifunctional molecule involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. Two receptors, TNF-R1 (TNF receptor type 1; CD120a; p55/60) and TNF-R2 (TNF receptor type 2; CD120b; p75/80), bind to TNF-alpha. TNF-alpha protein is produced mainly by macrophages, and large amounts of this cytokine are released in response to lipopolysaccharide, other bacterial products, and Interleukin-1 (IL-1). TNF-alpha is involved in fighting against the tumorigenesis, thus, is regarded as a molecular insight in cancer treatment.TNF-alpha Protein & Antibody This TNF-alpha Matched ELISA Antibody Pair Set, Human is a solid phase sandwich ELISA for quantitative determination of Human TNF-alpha. It contains Human TNF-alpha capture antibody, Human TNF-alpha detector antibody (HRP) and a highly purified E Coli-expressed recombinant Human TNF-alpha protein.
Product Categories/Family for TNF elisa pair set	Cancer Drug Targets Neuroinflammation; Death Receptor Signaling
References	Hector J, et al. (2007) TNF-alpha alters visfatin and adiponectin levels in human fat. Horm Metab Res. 39(4): 250-5. Berthold-Losleben M, et al. (2008) The TNF-alpha System: Functional Aspects in Depression, Narcolepsy and Psychopharmacology. Curr Neuropharmacol. 6(3): 193-202.

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.

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Online datasheet: <https://stage.aaabiotech.com/elisa-pair-set/tnf-alpha/257395>