

Human TNF receptor-associated protein 1 ELISA Kit | TRAP1 elisa kit

Human Heat shock protein 75 kDa, mitochondrial, TRAP1/HSP75 ELISA Kit

CATALOG #
AAA80899

REACTIVITY
Human

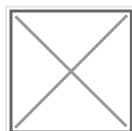
PRODUCT SYNONYMS

TNF receptor-associated protein 1; Human Heat shock protein 75 kDa; mitochondrial; TRAP1/HSP75 ELISA Kit; mitochondrial (TRAP1/HSP75) ELISA kit; HSP75; HSP90L; heat shock protein 75; tumor necrosis factor type 1 receptor associated protein; TRAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TRAP1. No significant cross-reactivity or interference between human TRAP1 and analogues was observed.
Sequence Length	651
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.6 25 ng/ml -40 ng/ml.
Sensitivity	The minimum detectable dose of human TRAP1 is typically less than 0.156 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRAP1 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TRAP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRAP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRAP1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRAP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	440309857
NCBI GeneID	10131
NCBI Accession #	NP_001258978.1
NCBI GenBank Nucleotide #	NM_001272049.1
UniProt Accession #	Q12931; O43642; O75235; Q9UHL5; B4DR68; D3DUC8; F5H897
Molecular Weight	80,110 Da
NCBI Official Full Name	heat shock protein 75 kDa, mitochondrial isoform 2
NCBI Official Synonym Full Names	TNF receptor-associated protein 1
NCBI Official Symbol	TRAP1
NCBI Official Synonym Symbols	HSP75; HSP 75; HSP90L; TRAP-1
NCBI Protein Information	heat shock protein 75 kDa, mitochondrial; TNFR-associated protein 1; tumor necrosis factor type 1 receptor-associated protein
UniProt Protein Name	Heat shock protein 75 kDa, mitochondrial
UniProt Gene Name	TRAP1
UniProt Synonym Gene Names	HSP75; HSP 75; TRAP-1
UniProt Entry Name	TRAP1_HUMAN

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/trap1-human-elisa-kits/tnf-receptor-associated-protein-1/80899>