

Human Transcription factor A, mitochondrial, TFAM ELISA Kit | TFAM elisa kit

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CATALOG #
AAA123737

REACTIVITY
Human

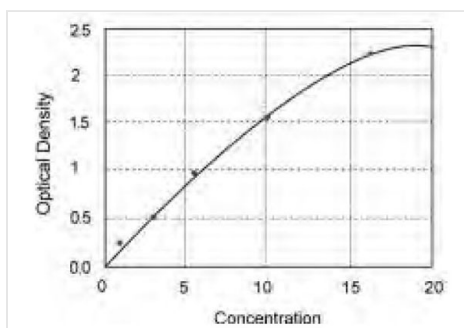
PRODUCT SYNONYMS

Transcription factor A; mitochondrial; TFAM; Human Transcription factor A; TFAM ELISA Kit; TFAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	246
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.17ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFAM elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human TFAM antibody. TFAM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human TFAM Antibody is added and binds to TFAM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TFAM antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human TFAM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Transcription factor A (also known as TFAM) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507401
NCBI GeneID	7019
NCBI GenBank Nucleotide #	NP_003192.1
UniProt Accession #	Q00059
NCBI Official Full Name	transcription factor A, mitochondrial isoform 1
NCBI Official Synonym Full Names	transcription factor A, mitochondrial
NCBI Official Symbol	TFAM
NCBI Official Synonym Symbols	TCF6; MTTF1; MTTFA; TCF6L1; TCF6L2; TCF6L3; MTDPS15
NCBI Protein Information	transcription factor A, mitochondrial
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	TFAM
UniProt Synonym Gene Names	TCF6; TCF6L2; mtTFA; MtTF1; TCF-6
UniProt Entry Name	TFAM_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/human-elisa-kits/transcription-factor-a-mitochondrial-tfam/123737>