

Rat Transcription Factor A, Mitochondrial (TFAM) ELISA Kit | TFAM elisa kit

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CATALOG #
AAA121198

REACTIVITY
Rat

PRODUCT SYNONYMS

Transcription Factor A; Mitochondrial (TFAM); Rat Transcription Factor A; Mitochondrial (TFAM) ELISA Kit; TFAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	149
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7g/L - 1500ng/L
Sensitivity	3.52ng/L
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Transcription Factor A, Mitochondrial (also known as TFAM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat TFAM antibody. TFAM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat TFAM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11275990
NCBI GeneID	397279
Molecular Weight	28,726 Da
NCBI Official Full Name	transcription factor A, partial
NCBI Official Symbol	TFAM
NCBI Protein Information	transcription factor A, mitochondrial
UniProt Protein Name	Transcription factor A, mitochondrial
UniProt Gene Name	TFAM
UniProt Synonym Gene Names	mtTFA

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/rat-elisa-kits/transcription-factor-a-mitochondrial-tfam/121198>