

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

Transcription Factor A, Mitochondrial (TFAM) Mini Samples ELISA Kit

CATALOG #
AAA162131

REACTIVITY
Human

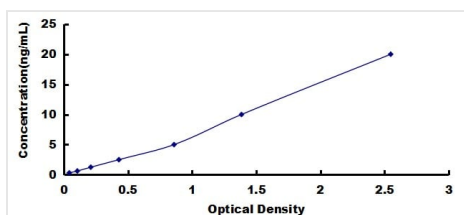
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TFAM. No significant cross-reactivity or interference between TFAM and analogues was observed.
Assay Type	Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	<0.113ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFAM elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TFAM in human tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TFAM. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TFAM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TFAM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of TFAM in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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/162131>