

Human TUFM/Elongation Factor Tu, Mitochondrial ELISA Kit | TUFM elisa kit

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CATALOG #
AAA196574

REACTIVITY
Human

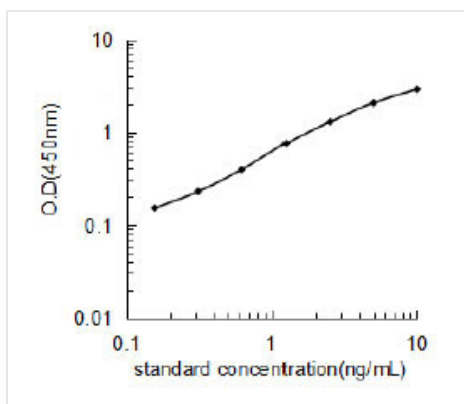
PRODUCT SYNONYMS

TUFM/Elongation Factor Tu; Mitochondrial; Human TUFM/Elongation Factor Tu; Mitochondrial ELISA Kit; Elongation factor Tu; mitochondrial; P43; TUFM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Elongation factor Tu, mitochondrial, EF-Tu
Sequence Length	455
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.047 ng/mL
Intra-assay Precision	<=5.7%
Inter-assay Precision	<=9.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TUFM elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34147630
NCBI GeneID	7284
NCBI Accession #	NP_003312.3
NCBI GenBank Nucleotide #	NM_003321.5
UniProt Accession #	P49411
NCBI Official Full Name	elongation factor Tu, mitochondrial isoform 1
NCBI Official Synonym Full Names	Tu translation elongation factor, mitochondrial
NCBI Official Symbol	TUFM
NCBI Official Synonym Symbols	P43; EFTU; COXPD4; EF-TuMT
NCBI Protein Information	elongation factor Tu, mitochondrial
UniProt Protein Name	Elongation factor Tu, mitochondrial
UniProt Gene Name	TUFM
UniProt Synonym Gene Names	EF-Tu
UniProt Entry Name	EFTU_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/tufm-elongation-factor-tu-mitochondrial/196574>