

Mouse Electron transfer flavoprotein subunit beta (ETFB) ELISA Kit | ETFB elisa kit

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CATALOG #
AAA246328

REACTIVITY
Mouse

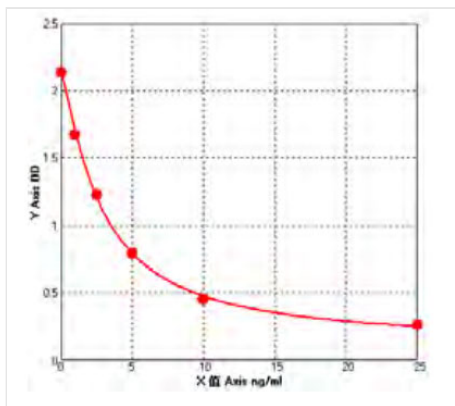
PRODUCT SYNONYMS

Electron transfer flavoprotein subunit beta (ETFB); Mouse Electron transfer flavoprotein subunit beta (ETFB) ELISA Kit; ETFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ETFB. No significant cross-reactivity or interference between ETFB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ETFB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ETFB elisa kit	Principle of the Assay: ETFB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ETFB antibody and an ETFB-HRP conjugate. The assay sample and buffer are incubated together with ETFB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ETFB concentration since ETFB from samples and ETFB-HRP conjugate compete for the anti-ETFB antibody binding site. Since the number of sites is limited, as more sites are occupied by ETFB from the sample, fewer sites are left to bind ETFB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ETFB concentration in each sample is interpolated from this standard curve. Intended Uses: This ETFB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ETFB. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62420877
NCBI GeneID	2109
NCBI Accession #	NP_001014763.1
NCBI GenBank Nucleotide #	NM_001014763.1
Molecular Weight	37,566 Da
NCBI Official Full Name	electron transfer flavoprotein subunit beta isoform 2
NCBI Official Synonym Full Names	electron-transfer-flavoprotein, beta polypeptide
NCBI Official Symbol	ETFB
NCBI Official Synonym Symbols	MADD; FP585
NCBI Protein Information	electron transfer flavoprotein subunit beta; beta-ETF; electron transfer flavoprotein beta subunit; electron transfer flavoprotein beta-subunit; electron transfer flavoprotein, beta polypeptide; electron-transferring-flavoprotein, beta polypeptide
UniProt Protein Name	Electron transfer flavoprotein subunit beta
UniProt Gene Name	ETFB
UniProt Synonym Gene Names	FP585; Beta-ETF
UniProt Entry Name	ETFB_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.