

Mouse TFEB (Transcription factor EB) ELISA Kit | TFEB elisa kit

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CATALOG #
AAA249789

REACTIVITY
Mouse

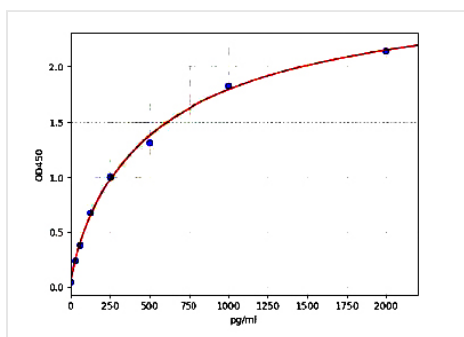
PRODUCT SYNONYMS

TFEB (Transcription factor EB); Mouse TFEB (Transcription factor EB) ELISA Kit; Transcription factor EB; Tcfef; Tfeb; TFEB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TFEB. No significant cross-reactivity or interference between TFEB and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFEB elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239835746
NCBI GeneID	21425
NCBI Accession #	NP_001155194.1
NCBI GenBank Nucleotide #	NM_001161722.1
UniProt Accession #	Q9R210
Molecular Weight	52,614 Da
NCBI Official Full Name	transcription factor EB isoform b
NCBI Official Synonym Full Names	transcription factor EB
NCBI Official Symbol	Tfeb
NCBI Official Synonym Symbols	Tcfeb; bHLHe35
NCBI Protein Information	transcription factor EB
UniProt Protein Name	Transcription factor EB
UniProt Gene Name	Tfeb
UniProt Synonym Gene Names	Tcfeb
UniProt Entry Name	TFEB_MOUSE

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/mouse-elisa-kits/tfeb-transcription-factor-eb/249789>