

Mouse Krueppel-like factor 10 ELISA Kit | Klf10 elisa kit

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CATALOG #
AAA56110

REACTIVITY
Mouse

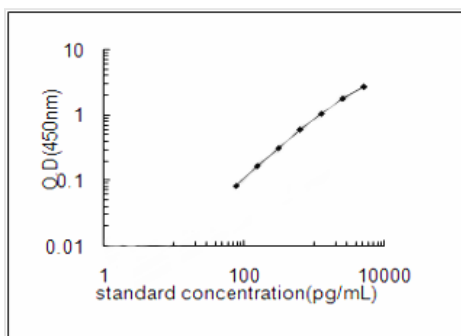
PRODUCT SYNONYMS

Krueppel-like factor 10; Mouse Krueppel-like factor 10 ELISA Kit; Klf10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Krueppel-like factor 10. No significant cross-reactivity or interference was observed.
Sequence Length	469
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.2 pg/mL
Intra-Assay CV	<=7.4%
Inter-Assay CV	<=9.4%
Recovery	90%
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 Klf10 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Krueppel-like factor 10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Krueppel-like factor 10 and 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 Krueppel-like factor 10, 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 Krueppel-like factor 10 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 #	7305571
NCBI GeneID	21847
NCBI Accession #	NP_038720.1
NCBI GenBank Nucleotide #	NM_013692.3
UniProt Accession #	O89091
Molecular Weight	51,756 Da
NCBI Official Full Name	Krueppel-like factor 10 isoform 1
NCBI Official Synonym Full Names	Kruppel-like factor 10
NCBI Official Symbol	Klf10
NCBI Official Synonym Symbols	Tieg; mGIF; Egral; Tieg1; EGR[a]; Gdnfif; TIEG-1; AI115143
NCBI Protein Information	Krueppel-like factor 10
UniProt Protein Name	Krueppel-like factor 10
UniProt Gene Name	Klf10
UniProt Synonym Gene Names	Gdnfif; Tieg; Tieg1; mGIF; TGFB-inducible early growth response protein 1; TIEG-1
UniProt Entry Name	KLF10_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/klf10-mouse-elisa-kits/krueppel-like-factor-10/56110>