

Mouse KLF11 (Krueppel-like factor 11) ELISA Kit | KLF11 elisa kit

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CATALOG #
AAA250176

REACTIVITY
Mouse

PRODUCT SYNONYMS

KLF11 (Krueppel-like factor 11); Mouse KLF11 (Krueppel-like factor 11) ELISA Kit; Krueppel-like factor 11; TGFB-inducible early growth response protein 2b; Transforming growth factor-beta-inducible early growth response protein 3; TGFB-inducible early growth response protein 3; TIEG-3; Klf11; Tieg2b; Tieg3; KLF11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of KLF11. No significant cross -reactivity or interference between KLF11 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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

ADDITIONAL INFORMATION

Related Product Information for KLF11 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30387628
NCBI GeneID	194655
NCBI Accession #	NP_848134.1
NCBI GenBank Nucleotide #	NM_178357.3
UniProt Accession #	Q8K1S5; Q8BHJ1; Q8BI37; Q8BI70
Molecular Weight	54,054 Da

NCBI Official Full Name	Krueppel-like factor 11
NCBI Official Synonym Full Names	Kruppel-like factor 11
NCBI Official Symbol	Klf11
NCBI Official Synonym Symbols	Tieg2; Tieg3; Tieg2b; 9830142A17; D12Ertd427e
NCBI Protein Information	Krueppel-like factor 11; TIEG-3; TGFB inducible early growth response 2; TGFB inducible early growth response 3; TGFB-inducible early growth response protein 3; TGFB-inducible early growth response protein 2b; transforming growth factor-beta-inducible ear
UniProt Protein Name	Krueppel-like factor 11
UniProt Gene Name	Klf11
UniProt Synonym Gene Names	Tieg2b; Tieg3; TGFB-inducible early growth response protein 3; TIEG-3
UniProt Entry Name	KLF11_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://www.aaabiotech.com/mouse-elisa-kits/klf11-krueppel-like-factor-11/250176>