

Human Krueppel-like factor 10 ELISA Kit | KLF10 elisa kit

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CATALOG #
AAA101709

REACTIVITY
Human

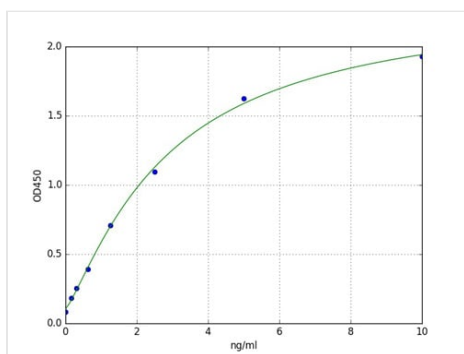
PRODUCT SYNONYMS

Krueppel-like factor 10; Human Krueppel-like factor 10 ELISA Kit; TIEG1 (TGF Beta Inducible Early Response Gene 1)/KLF10/EGR-alpha/EGRA/EGR-alpha/Krueppel-like factor 10/TGFB-inducible early growth response protein 1/TIEG-1/TIEG/Transforming growth factor-beta-inducible early growth response protein 1; KLF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	469
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human TIEG1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.126	0.189	0.237	0.363	0.543	0.877	1.347	1.968

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TIEG1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TIEG1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human TIEG1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TIEG1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73760403
NCBI GeneID	7071
NCBI Accession #	NP_001027453.1
NCBI GenBank Nucleotide #	NM_001032282.3
Molecular Weight	13,702 Da
NCBI Official Full Name	Krueppel-like factor 10 isoform b
NCBI Official Synonym Full Names	Kruppel-like factor 10
NCBI Official Symbol	KLF10
NCBI Official Synonym Symbols	EGRA; TIEG; TIEG1; EGR-alpha
NCBI Protein Information	Krueppel-like factor 10
UniProt Protein Name	Krueppel-like factor 10
UniProt Gene Name	KLF10
UniProt Synonym Gene Names	TIEG; TIEG1; TGFB-inducible early growth response protein 1; TIEG-1
UniProt Entry Name	KLF10_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/klf10-human-elisa-kits/krueppel-like-factor-10/101709>