

Human Krueppel-like factor 13 ELISA Kit | KLF13 elisa kit

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CATALOG #
AAA101163

REACTIVITY
Human

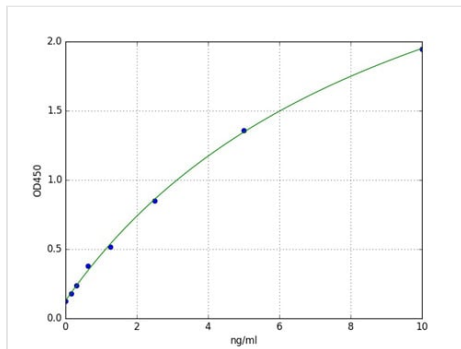
PRODUCT SYNONYMS

Krueppel-like factor 13; Human Krueppel-like factor 13 ELISA Kit; KLF13/BTEB3/NSLP1/Krueppel-like factor 13/Transcription factor NSLP1/Transcription factor BTEB3/RANTES factor of late activated T-lymphocytes 1/RFLAT-1/Basic transcription element-binding protein 3/BTE-binding protein 3/Novel Sp1-like zinc finger transcription factor 1; KLF13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	289
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 KLF13 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	0.070	0.183	0.291	0.436	0.649	1.085	1.637	1.835

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF13 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human KLF13 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KLF13 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. 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 Human KLF13 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KLF13 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981130
NCBI GeneID	50794
NCBI Accession #	NP_067341.2
NCBI GenBank Nucleotide #	NM_021366.3
Molecular Weight	31,136 Da
NCBI Official Full Name	Krueppel-like factor 13
NCBI Official Synonym Full Names	Kruppel-like factor 13
NCBI Official Symbol	Klf13
NCBI Official Synonym Symbols	Bteb3; FKLF2; NSLP1; FKLF-2; RFLAT1; RFLAT-1; 0610043C13Rik; 9430029L20Rik
NCBI Protein Information	Krueppel-like factor 13
UniProt Protein Name	Krueppel-like factor 13
UniProt Gene Name	Klf13
UniProt Synonym Gene Names	Bteb3; Klf2; BTE-binding protein 3; RFLAT-1
UniProt Entry Name	KLF13_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/klf13-human-elisa-kits/krueppel-like-factor-13/101163>