

Human Krueppel-like factor 14 ELISA Kit | KLF14 elisa kit

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CATALOG #
AAA98053

REACTIVITY
Human

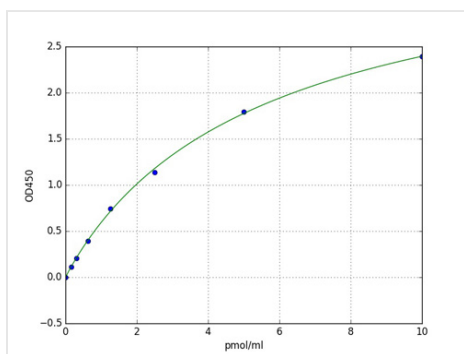
PRODUCT SYNONYMS

Krueppel-like factor 14; Human Krueppel-like factor 14 ELISA Kit; KLF14 (Krueppel-like factor 14)/BTEB5/Basic transcription element-binding protein 5/BTE-binding protein 5/Transcription factor BTEB5; KLF14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	323
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10pmol/ml
Sensitivity	0.094nmol/L
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 KLF14 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	nmol/L	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.05	0.103	0.169	0.359	0.622	1.145	1.832	2.285

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF14 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human KLF14 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KLF14 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 KLF14 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KLF14can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	527122127
NCBI GeneID	136259
NCBI Accession #	NP_619638.2
NCBI GenBank Nucleotide #	NM_138693.3
Molecular Weight	33,124 Da
NCBI Official Full Name	Krueppel-like factor 14
NCBI Official Synonym Full Names	Kruppel-like factor 14
NCBI Official Symbol	KLF14
NCBI Official Synonym Symbols	BTEB5
NCBI Protein Information	Krueppel-like factor 14
UniProt Protein Name	Krueppel-like factor 14
UniProt Gene Name	KLF14
UniProt Synonym Gene Names	BTEB5; BTE-binding protein 5
UniProt Entry Name	KLF14_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/klf14-human-elisa-kits/krueppel-like-factor-14/98053>