

Human Krueppel-like factor 5 ELISA Kit | KLF5 elisa kit

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CATALOG #
AAA191973

REACTIVITY
Human

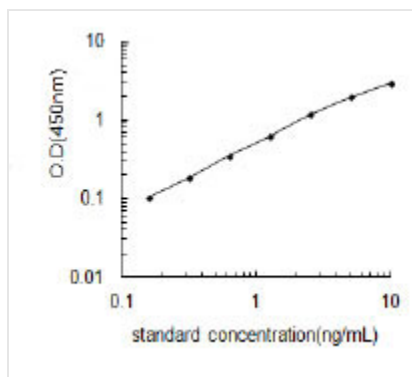
PRODUCT SYNONYMS

Krueppel-like factor 5; Human Krueppel-like factor 5 ELISA Kit; Basic transcription element-binding protein 2; BTE-binding protein 2; Colon krueppel-like factor; GC-box-binding protein 2; Intestinal-enriched krueppel-like factor; KLF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Krueppel-like factor 5
Sequence Length	366
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.2%
Inter-assay Precision	Inter-Assay CV: <=9.5%
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 KLF5 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	558472833
NCBI GeneID	688
NCBI Accession #	NP_001273747.1
NCBI GenBank Nucleotide #	NM_001286818.1
UniProt Accession #	Q13887; Q9UHP8; A2TJX0; L0R3U5; L0R4T9
Molecular Weight	41,180 Da
NCBI Official Full Name	Krueppel-like factor 5 isoform 2
NCBI Official Synonym Full Names	Kruppel-like factor 5 (intestinal)
NCBI Official Symbol	KLF5
NCBI Official Synonym Symbols	CKLF; IKLF; BTEB2
NCBI Protein Information	Krueppel-like factor 5
UniProt Protein Name	Krueppel-like factor 5
UniProt Gene Name	KLF5
UniProt Synonym Gene Names	BTEB2; CKLF; IKLF; BTE-binding protein 2
UniProt Entry Name	KLF5_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/klf5-human-elisa-kits/krueppel-like-factor-5/191973>