

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

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CATALOG #
AAA43459

REACTIVITY
Human

PRODUCT SYNONYMS

Krueppel-like factor 5 (KLF5); Human Krueppel-like factor 5 (KLF5) ELISA Kit; KLF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	457
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.059ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Krueppel-like Factor 5 (also known as KLF5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KLF5 antibody. KLF5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KLF5 Antibody is added and binds to KLF5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KLF5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human KLF5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14251215
NCBI GeneID	688
NCBI Accession #	NP_001721.2
NCBI GenBank Nucleotide #	NM_001730.4
UniProt Accession #	Q13887; Q9UHP8; A2TJX0; L0R3U5; L0R4T9
Molecular Weight	33,618 Da
NCBI Official Full Name	Krueppel-like factor 5 isoform 1
NCBI Official Synonym Full Names	Kruppel like factor 5
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

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/human-elisa-kits/krueppel-like-factor-5-klf5/43459>