

Human Krueppel-like factor 4, KLF4 ELISA Kit | KLF4 elisa kit

Human Krueppel-like factor 4, KLF4 ELISA Kit

CATALOG #
AAA123574

REACTIVITY
Human

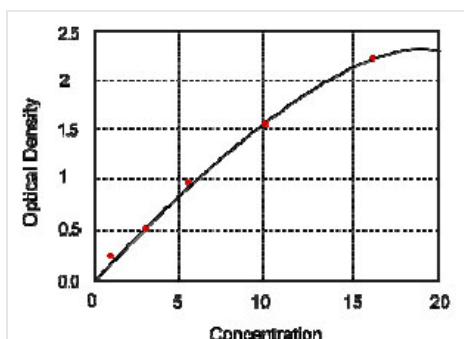
PRODUCT SYNONYMS

Krueppel-like factor 4; KLF4; Human Krueppel-like factor 4; KLF4 ELISA Kit; KLF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	479
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.31g/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 KLF4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Krueppel-like Factor 4 (also known as KLF4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KLF4 antibody. KLF4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KLF4 Antibody is added and binds to KLF4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KLF4 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 KLF4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194248077
NCBI GeneID	9314
NCBI GenBank Nucleotide #	NP_004226.3
UniProt Accession #	O43474
NCBI Official Full Name	Krueppel-like factor 4 isoform 2
NCBI Official Synonym Full Names	Kruppel like factor 4
NCBI Official Symbol	KLF4
NCBI Official Synonym Symbols	EZF; GKLF
NCBI Protein Information	Krueppel-like factor 4
UniProt Protein Name	Krueppel-like factor 4
UniProt Gene Name	KLF4
UniProt Synonym Gene Names	EZF; GKLF
UniProt Entry Name	KLF4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/krueppel-like-factor-4-klf4/123574>