

Human Kruppel Like Factor 17 ELISA Kit | KLF17 elisa kit

Human Kruppel Like Factor 17 ELISA Kit

CATALOG #
AAA96771

REACTIVITY
Human

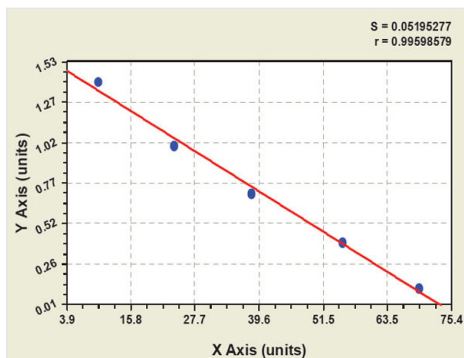
PRODUCT SYNONYMS

Kruppel Like Factor 17; Human Kruppel Like Factor 17 ELISA Kit; KLF17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF17 elisa kit

Principle of the assay: KLF17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLF17 antibody and an KLF17-HRP conjugate. The assay sample and buffer are incubated together with KLF17-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the KLF17 concentration since KLF17 from samples and KLF17-HRP conjugate compete for the anti-KLF17 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLF17 from the sample, fewer sites are left to bind KLF17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLF17 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for KLF17 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	104294874
NCBI GeneID	128209
NCBI Accession #	NP_775755.3
NCBI GenBank Nucleotide #	NM_173484.3
Molecular Weight	42,577 Da
NCBI Official Full Name	Krueppel-like factor 17
NCBI Official Synonym Full Names	Kruppel-like factor 17
NCBI Official Symbol	KLF17
NCBI Official Synonym Symbols	ZNF393; Zfp393
NCBI Protein Information	Krueppel-like factor 17; zinc finger protein 393; novel zinc-finger protein
UniProt Protein Name	Krueppel-like factor 17
UniProt Gene Name	KLF17
UniProt Synonym Gene Names	ZNF393
UniProt Entry Name	KLF17_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/klf17-human-elisa-kits/kruppel-like-factor-17/96771>