

Rat Kruppel Like Factor 17 ELISA Kit | KLF17 elisa kit

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CATALOG #
AAA94627

REACTIVITY
Rat

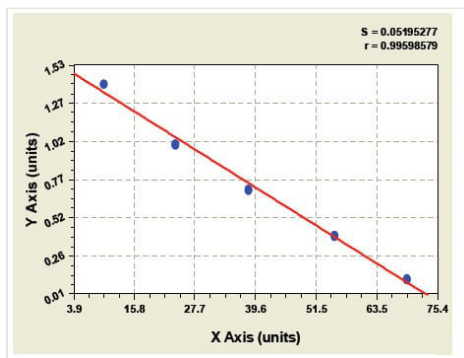
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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

Intended Uses: This KLF17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat KLF17. This ELISA kit for research use only!

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.

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.

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Online datasheet: <https://stage.aaabiotech.com/klf17-rat-elisa-kits/kruppel-like-factor-17/94627>