

Sheep Kruppel Like Factor 15 ELISA Kit | KLF15 elisa kit

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CATALOG #
AAA95395

REACTIVITY
Sheep

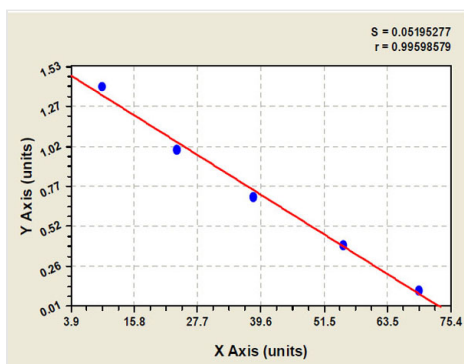
PRODUCT SYNONYMS

Kruppel Like Factor 15; Sheep Kruppel Like Factor 15 ELISA Kit; KLF15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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 KLF15 elisa kit

Intended Uses: This KLF15 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep KLF15. This ELISA kit for research use only!

Principle of the Assay: KLF15 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KLF15 antibody and an KLF15-HRP conjugate. The assay sample and buffer are incubated together with KLF15-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 KLF15 concentration since KLF15 from samples and KLF15-HRP conjugate compete for the anti-KLF15 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLF15 from the sample, fewer sites are left to bind KLF15-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLF15 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662494
NCBI GeneID	28999
NCBI Accession #	NP_054798.1
NCBI GenBank Nucleotide #	NM_014079.3
Molecular Weight	43,992 Da
NCBI Official Full Name	Krueppel-like factor 15
NCBI Official Synonym Full Names	Kruppel-like factor 15
NCBI Official Symbol	KLF15
NCBI Official Synonym Symbols	KKLF
NCBI Protein Information	Krueppel-like factor 15; kidney-enriched Kruppel-like factor; kidney-enriched krueppel-like factor
UniProt Protein Name	Krueppel-like factor 15
UniProt Gene Name	KLF15
UniProt Synonym Gene Names	KKLF
UniProt Entry Name	KLF15_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/klf15-sheep-elisa-kits/kruppel-like-factor-15/95395>