

Mouse Kruppel Like Factor 15 ELISA Kit | KLF15 elisa kit

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CATALOG #
AAA96264

REACTIVITY
Mouse

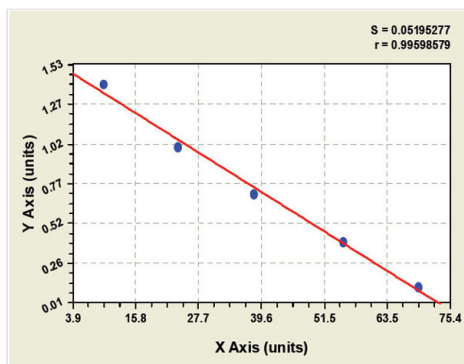
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This KLF15 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse KLF15. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF15 elisa kit	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.
Product Categories/Family for KLF15 elisa kit	Epigenetics and Nuclear Signaling

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-mouse-elisa-kits/kruppel-like-factor-15/96264>