

Human Kruppel Like Factor 16 ELISA Kit | KLF16 elisa kit

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CATALOG #
AAA96234

REACTIVITY
Human

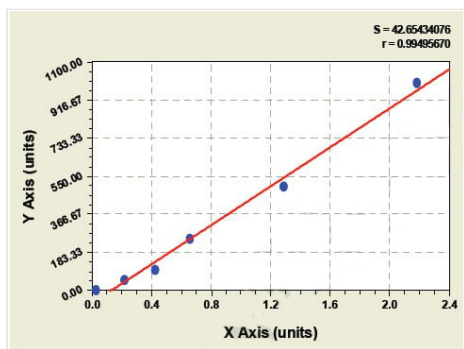
PRODUCT SYNONYMS

Kruppel Like Factor 16; Human Kruppel Like Factor 16 ELISA Kit; KLF16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This KLF16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human KLF16. 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 KLF16 elisa kit	Principle of the Assay: KLF16 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for KLF16. Standards or samples are then added to the microtiter plate wells and KLF16 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of KLF16 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for KLF16 are added to each well to "sandwich" the KLF16 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain KLF16 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLF16 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for KLF16 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	13994287
NCBI GeneID	83855
NCBI Accession #	NP_114124.1
NCBI GenBank Nucleotide #	NM_031918.3
Molecular Weight	25,431 Da
NCBI Official Full Name	Krueppel-like factor 16
NCBI Official Synonym Full Names	Kruppel-like factor 16
NCBI Official Symbol	KLF16
NCBI Official Synonym Symbols	DRRF; BTEB4; NSLP2
NCBI Protein Information	Krueppel-like factor 16; BTE-binding protein 4; transcription factor BTEB4; transcription factor NSLP2; dopamine receptor regulating factor; basic transcription element binding protein 4; basic transcription element-binding protein 4; novel Sp1-like zinc finger transcription factor 2
UniProt Protein Name	Krueppel-like factor 16
UniProt Gene Name	KLF16
UniProt Synonym Gene Names	BTEB4; NSLP2; BTE-binding protein 4
UniProt Entry Name	KLF16_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/klf16-human-elisa-kits/kruppel-like-factor-16/96234>