

Human Kruppel Like Factor 2 (KLF2) ELISA Kit | KLF2 elisa kit

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CATALOG #
AAA179894

REACTIVITY
Human

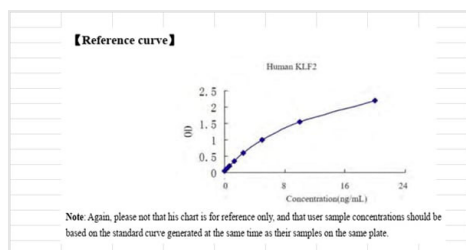
PRODUCT SYNONYMS

Kruppel Like Factor 2 (KLF2); Human Kruppel Like Factor 2 (KLF2) ELISA Kit; KLF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	355
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF2 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human KLF2 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

7706469

NCBI GeneID	10365
NCBI Accession #	NP_057354.1
NCBI GenBank Nucleotide #	NM_016270.2
Molecular Weight	37,420 Da
NCBI Official Full Name	Krueppel-like factor 2
NCBI Official Synonym Full Names	Kruppel-like factor 2
NCBI Official Symbol	KLF2
NCBI Official Synonym Symbols	LKLF
NCBI Protein Information	Krueppel-like factor 2; Kruppel-like factor LKLF; lung krueppel-like factor; Kruppel-like factor 2 (lung); lung Kruppel-like zinc finger transcription factor
UniProt Protein Name	Krueppel-like factor 2
UniProt Gene Name	KLF2
UniProt Synonym Gene Names	LKLF
UniProt Entry Name	KLF2_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/human-elisa-kits/kruppel-like-factor-2-klf2/179894>