

Human Kruppel Like Factor 15 (KLF15) CLIA Kit | KLF15 clia kit

Kruppel Like Factor 15 (KLF15) CLIA Kit

CATALOG # AAA189324	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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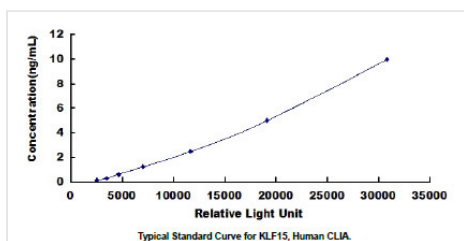
PRODUCT SYNONYMS

Kruppel Like Factor 15 (KLF15); Kruppel Like Factor 15 (KLF15) CLIA Kit; KKLF; Kidney-Enriched Kruppel-Like Factor; KLF15 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KLF15. No significant cross-reactivity or interference between KLF15 and analogues was observed.
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Applicable Applications for KLF15 clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KLF15 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level KLF15 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLF15 clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of KLF15 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to KLF15. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to KLF15. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the KLF15 level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7662494
NCBI GeneID	28999
NCBI Accession #	NP_054798.1
NCBI GenBank Nucleotide #	NM_014079.3
UniProt Accession #	Q9UIH9
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.