

IGF Like Family, Member 2 (IGFL2) CLIA Kit | IGFL2 clia kit

CLIA Kit for IGF Like Family, Member 2 (IGFL2)

CATALOG #
AAA129837

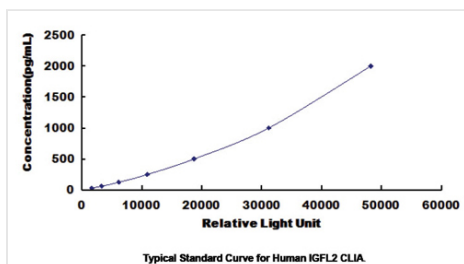
PRODUCT SYNONYMS

IGF Like Family; Member 2 (IGFL2); CLIA Kit for IGF Like Family; IGFL2 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of IGF Like Family, Member 2 (IGFL2). No significant cross-reactivity or interference between IGF Like Family, Member 2 (IGFL2) and analogues was observed.
Sequence Length	119
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	2.743-2000pg/mL. The standard curve concentrations used for the ELISA's were 2000pg/mL, 666.67pg/mL, 222.22pg/mL, 74.07pg/mL, 24.691pg/mL, 8.23pg/mL, 2.743pg/mL.
Sensitivity	The minimum detectable dose of this kit is typically less than 11.3pg/mL.
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IGF Like Family, Member 2 (IGFL2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IGF Like Family, Member 2 (IGFL2) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Homo sapiens (Human)
Assay Length	4.5 hours
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 IGFL2 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. 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 IGF Like Family, Member 2 (IGFL2) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205361124
NCBI GeneID	147920
NCBI Accession #	NP_001128585.1
NCBI GenBank Nucleotide #	NM_001135113.1
UniProt Accession #	Q6UWQ7; Q6B9Z3; E9PAV1
Molecular Weight	13,248 Da
NCBI Official Full Name	insulin growth factor-like family member 2 isoform b
NCBI Official Synonym Full Names	IGF-like family member 2
NCBI Official Symbol	IGFL2
NCBI Official Synonym Symbols	UNQ645; VPRI645
NCBI Protein Information	insulin growth factor-like family member 2
UniProt Protein Name	Insulin growth factor-like family member 2
UniProt Gene Name	IGFL2
UniProt Entry Name	IGFL2_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.