

Human IGF-1 (Insulin-Like Growth Factor 1) CLIA Kit | IGF-1 clia kit

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CATALOG #
AAA171258

REACTIVITY
Human

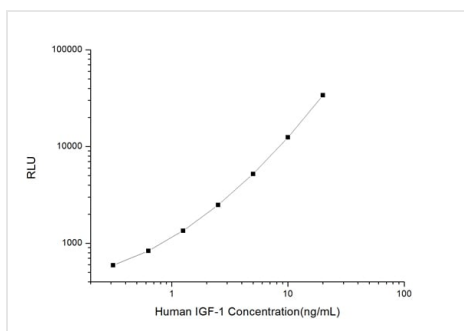
PRODUCT SYNONYMS

IGF-1 (Insulin-Like Growth Factor 1); Human IGF-1 (Insulin-Like Growth Factor 1) CLIA Kit; IGF1; IGFI; IGF-I; IGF1A; IGF-IA; IGF-IB; MGF; Somatomedin C; IGF-1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PSA/KLK3 in samples. No significant cross-reactivity or interference between Human PSA/KLK3 and analogues was observed.
Sequence Length	154
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF-1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of Human PSA/KLK3 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This CLIA kit uses the Sandwich-CLIA principle. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Human PSA/KLK3. Standards or samples are added to the micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human PSA/KLK3 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PSA/KLK3, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Human PSA/KLK3. You can calculate the concentration of Human PSA/KLK3 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118150782
NCBI GeneID	281239
NCBI Accession #	NP_001071296.1
NCBI GenBank Nucleotide #	NM_001077828.1
Molecular Weight	17,066 Da
NCBI Official Full Name	insulin-like growth factor I preproprotein
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGF-1; IGF-I
NCBI Protein Information	insulin-like growth factor I
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	IGF1
UniProt Synonym Gene Names	IGF-I
UniProt Entry Name	IGF1_BOVIN

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-clia-kits/igf-1-insulin-like-growth-factor-1/171258>