

Human IGFBP-1 (Insulin Like Growth Factor Binding Protein 1) CLIA Kit | IGFBP-1 clia kit

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CATALOG #
AAA170994

REACTIVITY
Human

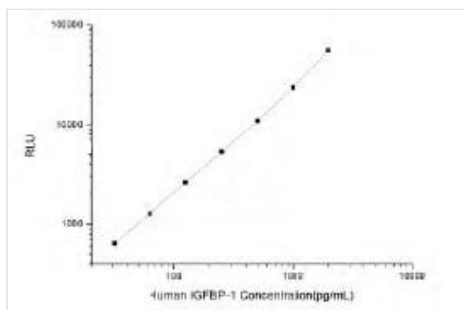
PRODUCT SYNONYMS

IGFBP-1 (Insulin Like Growth Factor Binding Protein 1); Human IGFBP-1 (Insulin Like Growth Factor Binding Protein 1) CLIA Kit; IGFBP1; AFBP; IBP1; IGF-BP25; PP12; placental protein 12; IGFBP-1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human IGFBP-1. No significant cross-reactivity or interference between Human IGFBP-1 and analogues was observed.
Sequence Length	259
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP-1 clia kit

Intended Uses: This kit can be applied to the in vitro quantitative determination of Human IGFBP-1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to Human IGFBP-1. Standards or samples are added to appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IGFBP-1 and Avidin- Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human IGFBP-1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of Human IGFBP-1. The concentration of Human IGFBP-1 in samples can be calculated by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504615
NCBI GeneID	3484
NCBI Accession #	NP_000587.1
NCBI GenBank Nucleotide #	NM_000596.2
Molecular Weight	27,904 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 1
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 1
NCBI Official Symbol	IGFBP1
NCBI Official Synonym Symbols	AFBP; IBP1; PP12; IGF-BP25; hIGFBP-1
NCBI Protein Information	insulin-like growth factor-binding protein 1
UniProt Protein Name	Insulin-like growth factor-binding protein 1
UniProt Gene Name	IGFBP1
UniProt Synonym Gene Names	IBP1; IBP-1; IGF-binding protein 1; IGFBP-1; PP12
UniProt Entry Name	IBP1_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-clia-kits/igfbp-1-insulin-like-growth-factor-binding-protein-1/170994>