

Human IGFBP-4 ELISA Kit | IGFBP-4 elisa kit

Human IGFBP-4 (Insulin Like Growth Factor Binding Protein 4) ELISA Kit

CATALOG #
AAA165754

REACTIVITY
Human

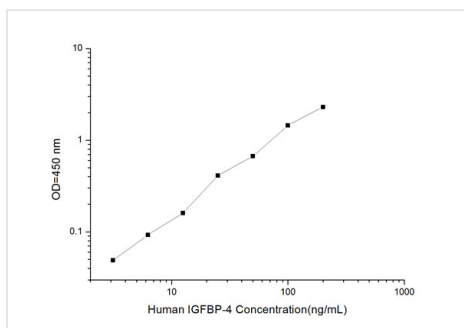
PRODUCT SYNONYMS

IGFBP-4; Human IGFBP-4 (Insulin Like Growth Factor Binding Protein 4) ELISA Kit; IGFBP-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IGFBP-4. No significant cross-reactivity or interference between Human IGFBP-4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human IGFBP-4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	258
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP-4 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IGFBP-4 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IGFBP-4. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human IGFBP-4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IGFBP-4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human IGFBP-4. You can calculate the concentration of Human IGFBP-4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62243290
NCBI GeneID	3487
NCBI Accession #	NP_001543.2
NCBI GenBank Nucleotide #	NM_001552.2
UniProt Accession #	P22692; Q5U012; Q9UCL6; A0N9W2; B4E351
Molecular Weight	17,635 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 4
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 4
NCBI Official Symbol	IGFBP4
NCBI Official Synonym Symbols	BP-4; IBP4; IGFBP-4; HT29-IGFBP
NCBI Protein Information	insulin-like growth factor-binding protein 4; IBP-4; IGF-binding protein 4
UniProt Protein Name	Insulin-like growth factor-binding protein 4
UniProt Gene Name	IGFBP4
UniProt Synonym Gene Names	IBP4; IBP-4; IGF-binding protein 4; IGFBP-4
UniProt Entry Name	IBP4_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.