

Rabbit Insulin Like Growth Factor Binding Protein 4 ELISA Kit | IGFBP4 elisa kit

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CATALOG #
AAA84368

REACTIVITY
Rabbit

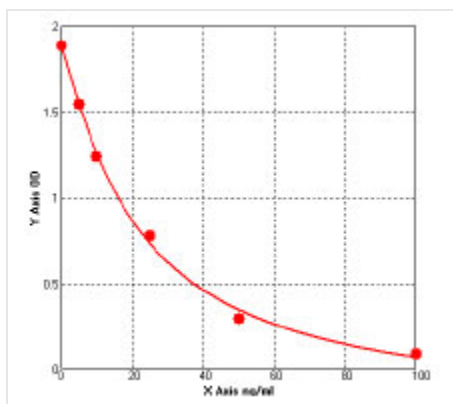
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 4; Rabbit Insulin Like Growth Factor Binding Protein 4 ELISA Kit; IGFBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of IGFBP4. No significant cross-reactivity or interference between IGFBP4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IGFBP4 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP4 elisa kit	Principle of the Assay: IGFBP4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IGFBP4 antibody and an IGFBP4-HRP conjugate. The assay sample and buffer are incubated together with IGFBP4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IGFBP4 concentration since IGFBP4 from samples and IGFBP4-HRP conjugate compete for the anti-IGFBP4 antibody binding site. Since the number of sites is limited, as more sites are occupied by IGFBP4 from the sample, fewer sites are left to bind IGFBP4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGFBP4 concentration in each sample is interpolated from this standard curve. Intended Uses: This IGFBP4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit IGFBP4. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for IGFBP4 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243290
NCBI GeneID	3487
NCBI Accession #	NP_001543.2
NCBI GenBank Nucleotide #	NM_001552.2
Molecular Weight	27,934 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.

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Online datasheet: <https://stage.aaabiotech.com/igfbp4-rabbit-elisa-kits/insulin-like-growth-factor-binding-protein-4/84368>