

Rabbit Insulin Like Growth Factor Binding Protein 5 ELISA Kit | IGFBP5 elisa kit

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CATALOG #
AAA84688

REACTIVITY
Rabbit

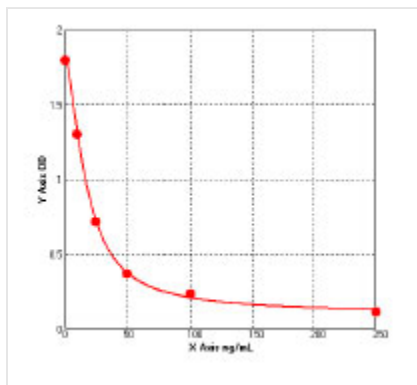
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 5; Rabbit Insulin Like Growth Factor Binding Protein 5 ELISA Kit; IGFBP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of IGFBP5. No significant cross-reactivity or interference between IGFBP5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IGFBP5 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 IGFBP5 elisa kit	Principle of the Assay: IGFBP5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IGFBP5 antibody and an IGFBP5-HRP conjugate. The assay sample and buffer are incubated together with IGFBP5-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 IGFBP5 concentration since IGFBP5 from samples and IGFBP5-HRP conjugate compete for the anti-IGFBP5 antibody binding site. Since the number of sites is limited, as more sites are occupied by IGFBP5 from the sample, fewer sites are left to bind IGFBP5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGFBP5 concentration in each sample is interpolated from this standard curve. Intended Uses: This IGFBP5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit IGFBP5. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for IGFBP5 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981088
NCBI GeneID	25285
NCBI Accession #	NP_036949.1
NCBI GenBank Nucleotide #	NM_012817.1
Molecular Weight	30,298 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 5
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 5
NCBI Official Symbol	Igfbp5
NCBI Official Synonym Symbols	IGF-BP5
NCBI Protein Information	insulin-like growth factor-binding protein 5; IBP-5; IGFBP-5; IGF-binding protein 5
UniProt Protein Name	Insulin-like growth factor-binding protein 5
UniProt Gene Name	Igfbp5
UniProt Synonym Gene Names	Igfbp-5; IBP-5; IGF-binding protein 5; IGFBP-5
UniProt Entry Name	IBP5_RAT

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/igfbp5-rabbit-elisa-kits/insulin-like-growth-factor-binding-protein-5/84688>