

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

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CATALOG #
AAA84312

REACTIVITY
Human

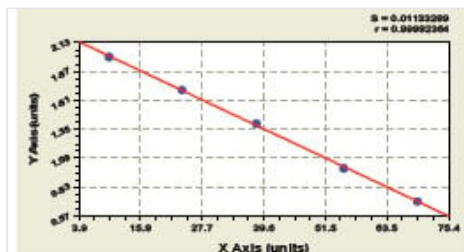
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This IGFBP-5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IGFBP-5. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP5 elisa kit

Intended Uses: This IGFBP5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IGFBP5. This ELISA kit for research use only!

Principle of the Assay: IGFBP5 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IGFBP5. Standards or samples are then added to the microtiter plate wells and IGFBP5 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IGFBP5 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IGFBP5 are added to each well to "sandwich" the IGFBP5 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IGFBP5 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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-human-elisa-kits/insulin-like-growth-factor-binding-protein-5/84312>