

Human insulin-like growth factor binding protein 5 ELISA Kit | IGFBP5 elisa kit

Human insulin-like growth factor binding protein 5, IGFBP-5 ELISA Kit

CATALOG #
AAA79915

REACTIVITY
Human

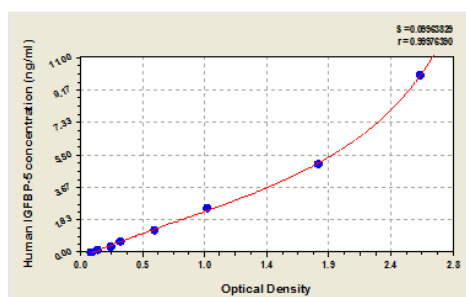
PRODUCT SYNONYMS

insulin-like growth factor binding protein 5; Human insulin-like growth factor binding protein 5; IGFBP-5 ELISA Kit; IBP5; ; IGFBP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IGFBP5. No significant cross-reactivity or interference between Human IGFBP5 and analogues was observed.
Sequence Length	272
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGFBP-5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGFBP-5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGFBP-5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IGFBP-5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10834982
NCBI GeneID	3488
NCBI Accession #	NP_000590.1
NCBI GenBank Nucleotide #	NM_000599.3
UniProt Accession #	P24593; Q5U0A3
Molecular Weight	30,570 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	IBP5
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	IBP5; IBP-5; IGF-binding protein 5; IGFBP-5
UniProt Entry Name	IBP5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/igfbp5-human-elisa-kits/insulin-like-growth-factor-binding-protein-5/79915>