

Rat IGFBP5 (Insulin Like Growth Factor Binding Protein 5) ELISA Kit | IGFBP5 elisa kit

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CATALOG #
AAA278528

REACTIVITY
Rat

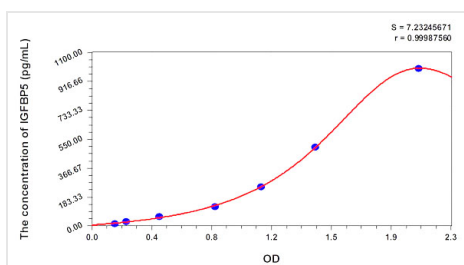
PRODUCT SYNONYMS

IGFBP5 (Insulin Like Growth Factor Binding Protein 5); Rat IGFBP5 (Insulin Like Growth Factor Binding Protein 5) ELISA Kit; IBP5; IGFBP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	1.57-100ng/mL
Sensitivity	0.57ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP5 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat IGFBP5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IGFBP5. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat IGFBP5, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat IGFBP5 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for IGFBP5 elisa kit

[Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124070
NCBI GeneID	25285
UniProt Accession #	P24594

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/rat-elisa-kits/igfbp5-insulin-like-growth-factor-binding-protein-5/278528>