

Rat Insulin Like Growth Factor Binding Protein 3 (IGFBP3) RTU ELISA Kit | IGFBP3 rtu elisa kit

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CATALOG #
AAA216203

REACTIVITY
Rat

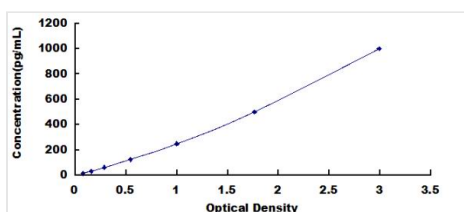
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 3 (IGFBP3); Rat Insulin Like Growth Factor Binding Protein 3 (IGFBP3) ELISA Kit; BP53; IBP3; Growth Hormone-Dependent Binding Protein; Acid Stable Subunit Of The 140 K IGF Complex; IGFBP3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	292
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	7.1pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP3 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGFBP3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IGFBP3. 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 IGFBP3, 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 $\pm$ 10nm. The concentration of IGFBP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	298231182
NCBI GeneID	24484
NCBI Accession #	NP_036720.2
NCBI GenBank Nucleotide #	NM_012588.2
UniProt Accession #	P15473
Molecular Weight	31,680 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 3
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 3
NCBI Official Symbol	Igfbp3
NCBI Official Synonym Symbols	IGF-BP3
NCBI Protein Information	insulin-like growth factor-binding protein 3
UniProt Protein Name	Insulin-like growth factor-binding protein 3
UniProt Gene Name	Igfbp3
UniProt Synonym Gene Names	Igfbp-3; IBP-3; IGF-binding protein 3; IGFBP-3

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-rtu-elisa-kits/insulin-like-growth-factor-binding-protein-3-igfbp3/216203>