

Rat Insulin-like growth factor binding protein 3, IGFBP-3 ELISA Kit | IGFBP-3 elisa kit

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CATALOG #
AAA43141

REACTIVITY
Rat

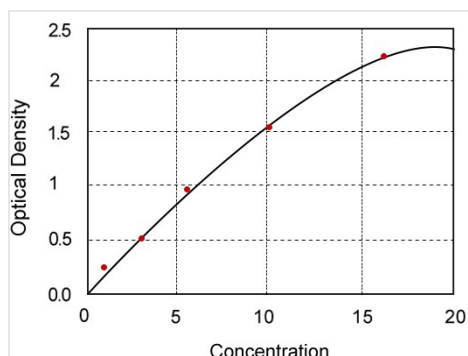
PRODUCT SYNONYMS

Insulin-like growth factor binding protein 3; IGFBP-3; Rat Insulin-like growth factor binding protein 3; IGFBP-3 ELISA Kit; IGFBP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	297
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.108ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP-3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Insulin-like Growth Factor Binding Protein 3 (also known as IGFBP-3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IGFBP-3 antibody. IGFBP-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IGFBP-3 Antibody is added and binds to IGFBP-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGFBP-3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat IGFBP-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243248
NCBI GeneID	3486
NCBI Accession #	NP_001013416.1
NCBI GenBank Nucleotide #	NM_001013398.1
UniProt Accession #	P17936; Q2V509; Q6P1M6; Q9UCL4; A4D2F5; D3DVM0
Molecular Weight	32,223 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 3 isoform a
NCBI Official Synonym Full Names	insulin like growth factor binding protein 3
NCBI Official Symbol	IGFBP3
NCBI Official Synonym Symbols	IBP3; BP-53
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	IBP3; 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-elisa-kits/insulin-like-growth-factor-binding-protein-3-igfbp-3/43141>