

Rat insulin-like growth factor binding protein 2, 36kDa ELISA Kit | IGFBP2 elisa kit

Rat Insulin-like growth factor binding protein 2, IGFBP-2 ELISA Kit

CATALOG #
AAA80556

REACTIVITY
Rat

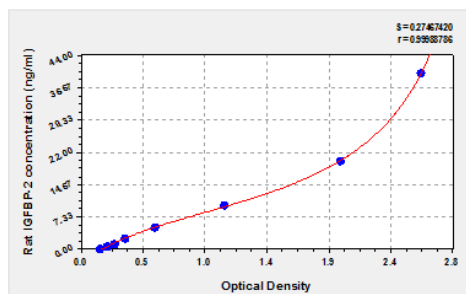
PRODUCT SYNONYMS

insulin-like growth factor binding protein 2; 36kDa; Rat Insulin-like growth factor binding protein 2; IGFBP-2 ELISA Kit; IGFBP-2 ELISA kit; IBP2; IGF-BP53; ; IGFBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat IGFBP2. No significant cross-reactivity or interference between Rat IGFBP2 and analogues was observed.
Sequence Length	304
Detection Range	78.13 pg/ml -5000 pg/ml
Sensitivity	20 pg/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
Protein Biological Process 1	Growth Factor
Protein Biological Process 3	Growth regulation
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 IGFBP2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGFBP-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IGFBP-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IGFBP-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IGFBP-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747421
NCBI GeneID	25662
NCBI Accession #	NP_037254.2
NCBI GenBank Nucleotide #	NM_013122.2
UniProt Accession #	P12843; Q569C7
Molecular Weight	32,855 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2
NCBI Official Symbol	Igfbp2
NCBI Official Synonym Symbols	IGFBP-2; ILGFBPA
NCBI Protein Information	insulin-like growth factor-binding protein 2; IBP-2; BRL-BP; IGF-binding protein 2
UniProt Protein Name	Insulin-like growth factor-binding protein 2
UniProt Gene Name	Igfbp2
UniProt Synonym Gene Names	Igfbp-2; IBP-2; IGF-binding protein 2; IGFBP-2
UniProt Entry Name	IBP2_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/igfbp2-rat-elisa-kits/insulin-like-growth-factor-binding-protein-2-36kda/80556>