

Rat insulin-like growth factor binding protein 3 ELISA Kit | IGFBP3 elisa kit

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

CATALOG #
AAA15573

REACTIVITY
Rat

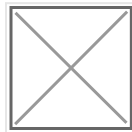
PRODUCT SYNONYMS

insulin-like growth factor binding protein 3; Rat Insulin-like growth factor binding protein 3; IGFBP-3 ELISA Kit; IGFBP-3 ELISA kit; tcag7.703; BP-53; IBP3; IGF-binding protein 3; acid stable subunit of the 140 K IGF complex; binding protein 29; binding protein 53; growth hormone-dependent binding protein; IGFBP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat IGFBP-3. No significant cross-reactivity or interference between rat IGFBP-3 and analogues was observed.
Sequence Length	292
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2.7 ng/ml-2000 ng/ml
Sensitivity	< 2.7 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 IGFBP3 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGFBP-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGFBP-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGFBP-3 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-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; IBP-3; IGFBP-3; IGF-binding protein 3; insulin-like growth factor-binding protein (IGF-BP3)
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
UniProt Entry Name	IBP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/igfbp3-rat-elisa-kits/insulin-like-growth-factor-binding-protein-3/15573>