

Rat Insulin Like Growth Factor Binding Protein 2 ELISA Kit | IGFBP2 elisa kit

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CATALOG #
AAA82357

REACTIVITY
Rat

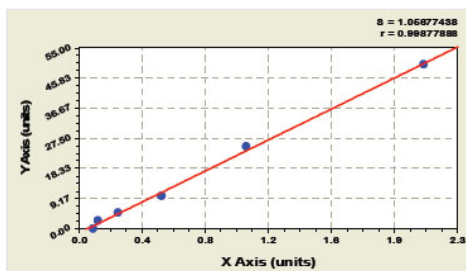
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 2; Rat Insulin Like Growth Factor Binding Protein 2 ELISA Kit; IGFBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/ml
Highest Standards	250ng/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP2 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This IGFBP-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat IGFBP-2. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY IGFBP-2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IGFBP-2. Standards or samples are then added to the microtiter plate wells and IGFBP-2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IGFBP-2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IGFBP-2 are added to each well to "sandwich" the IGFBP-2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IGFBP-2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGFBP-2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for IGFBP2 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	290457647
NCBI GeneID	3485
Molecular Weight	34,814 Da
NCBI Official Full Name	Insulin-like growth factor-binding protein 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2, 36kDa
NCBI Official Symbol	IGFBP2
NCBI Official Synonym Symbols	IBP2; IGF-BP53
NCBI Protein Information	insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2
UniProt Protein Name	Insulin-like growth factor-binding protein 2
UniProt Gene Name	IGFBP2
UniProt Synonym Gene Names	BP2; IBP2; IBP-2; IGF-binding protein 2; IGFBP-2
UniProt Entry Name	IBP2_HUMAN

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/igfbp2-rat-elisa-kits/insulin-like-growth-factor-binding-protein-2/82357>