

Monkey Insulin Like Growth Factor Binding Protein 6 ELISA Kit | IGFBP6 elisa kit

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CATALOG #
AAA90899

REACTIVITY
Monkey

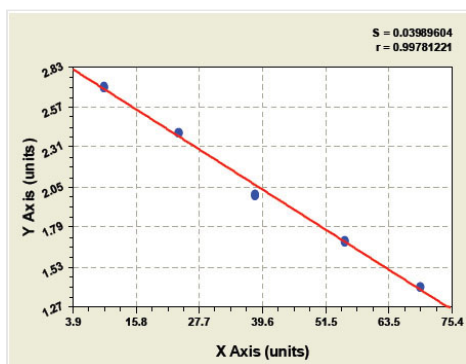
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 6; Monkey Insulin Like Growth Factor Binding Protein 6 ELISA Kit; IGFBP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP6 elisa kit

Intended Uses: This IGFBP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey IGFBP6. This ELISA kit for research use only!

Principle of the Assay: IGFBP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IGFBP6 antibody and an IGFBP6-HRP conjugate. The assay sample and buffer are incubated together with IGFBP6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IGFBP6 concentration since IGFBP6 from samples and IGFBP6-HRP conjugate compete for the anti-IGFBP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by IGFBP6 from the sample, fewer sites are left to bind IGFBP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGFBP6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321593
NCBI GeneID	3489
NCBI Accession #	NP_002169.1
NCBI GenBank Nucleotide #	NM_002178.2
Molecular Weight	25,322 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 6
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 6
NCBI Official Symbol	IGFBP6
NCBI Official Synonym Symbols	IBP6
NCBI Protein Information	insulin-like growth factor-binding protein 6; IBP-6; IGFBP-6; IGF binding protein 6; IGF-binding protein 6
UniProt Protein Name	Insulin-like growth factor-binding protein 6
UniProt Gene Name	IGFBP6
UniProt Synonym Gene Names	IBP6; IBP-6; IGF-binding protein 6; IGFBP-6
UniProt Entry Name	IBP6_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.

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Online datasheet: <https://stage.aaabiotech.com/igfbp6-monkey-elisa-kits/insulin-like-growth-factor-binding-protein-6/90899>