

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

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CATALOG #
AAA93567

REACTIVITY
Sheep

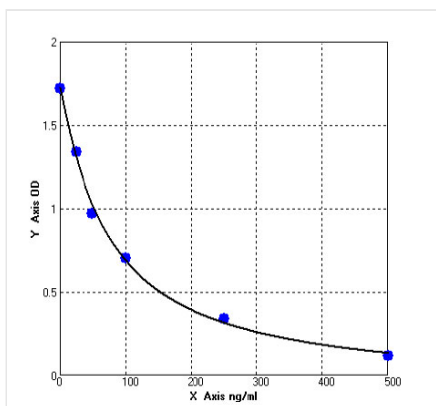
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of IGFBP2. No significant cross-reactivity or interference between IGFBP2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IGFBP2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP2 elisa kit	Intended Uses: This IGFBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep IGFBP2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: IGFBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-IGFBP2 antibody and an IGFBP2-HRP conjugate. The assay sample and buffer are incubated together with IGFBP2-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 IGFBP2 concentration since IGFBP2 from samples and IGFBP2-HRP conjugate compete for the anti-IGFBP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by IGFBP2 from the sample, fewer sites are left to bind IGFBP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IGFBP2 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-sheep-elisa-kits/insulin-like-growth-factor-binding-protein-2/93567>