

Human Insulin-like growth factor binding protein 2 ELISA Kit | IGFBP-2 elisa kit

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CATALOG #
AAA86442

REACTIVITY
Human

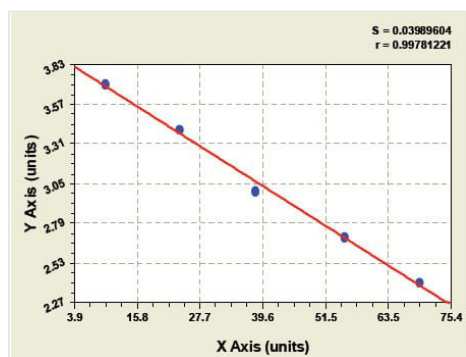
PRODUCT SYNONYMS

Insulin-like growth factor binding protein 2; Human Insulin-like growth factor binding protein 2 ELISA Kit; Insulin-like growth factor binding protein 2 ELISA Kit (Human); IGFBP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 fg/mL.
Intended Uses	This IL-27EBI3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IL-27EBI3. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGFBP-2 elisa kit

Principle of the Assay: IL-27EBI3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-27EBI3 antibody and an IL-27EBI3-HRP conjugate. The assay sample and buffer are incubated together with IL-27EBI3-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 IL-27EBI3 concentration since IL-27EBI3 from samples and IL-27EBI3-HRP conjugate compete for the anti-IL-27EBI3 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-27EBI3 from the sample, fewer sites are left to bind IL-27EBI3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-27EBI3 concentration in each sample is interpolated from this standard curve.

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/igfbp-2-human-elisa-kits/insulin-like-growth-factor-binding-protein-2/86442>