Guinea Pig Transforming Growth Factor beta Receptor 2 (TGFbR2) ELISA Kit | TGFbR2 elisa kit

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CATALOG #	REACTIVITY
AAA247393	**Guinea Pig**

PRODUCT SYNONYMS

Transforming Growth Factor beta Receptor 2 (TGFbR2); Guinea Pig Transforming Growth Factor beta Receptor 2 (TGFbR2) ELISA Kit; TGFbR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of TGFbR2. No significant cross-reactivity or interference between TGFbR2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TGFbR2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGFbR2 elisa kit	Principle of the Assay: TGFbR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TGFbR2 antibody and an TGFbR2-HRP conjugate. The assay sample and buffer are incubated together with TGFbR2-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 TGFbR2 concentration since TGFbR2 from samples and TGFbR2-HRP conjugate compete for the anti-TGFbR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TGFbR2 from the sample, fewer sites are left to bind TGFbR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TGFbR2 concentration in each sample is interpolated from this standard curve. Intended Uses: This TGFbR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea Pig TGFbR2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TGFbR2 elisa kit	Signal transduction; Stem cells

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/guinea-pig-pig-elisa-kits/transforming-growth-factor-beta-receptor-2-tgfbr2/247393