

Porcine Tumor Specific Growth Factor ELISA Kit | TSGF elisa kit

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CATALOG #
AAA88392

REACTIVITY
Porcine

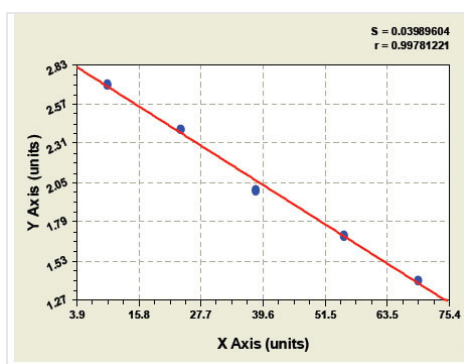
PRODUCT SYNONYMS

Tumor Specific Growth Factor; Porcine Tumor Specific Growth Factor ELISA Kit; TSGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 u/L.
Intended Uses	This TSGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TSGF. 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 TSGF elisa kit

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

Product Categories/Family for TSGF elisa kit

Cancer

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/tsgf-porcine-elisa-kits/tumor-specific-growth-factor/88392>