

Rat Soluble thrombomodulin ELISA Kit | sTM elisa kit

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CATALOG #
AAA84824

REACTIVITY
Rat

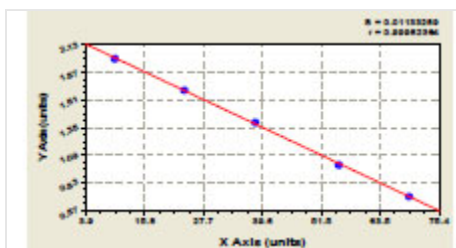
PRODUCT SYNONYMS

Soluble thrombomodulin; Rat Soluble thrombomodulin ELISA Kit; sTM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sTM elisa kit

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

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

Product Categories/Family for sTM elisa kit

Cardiovascular

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.

