

Mouse Pancreastatin ELISA Kit | Pancreastatin elisa kit

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CATALOG #
AAA85401

REACTIVITY
Mouse

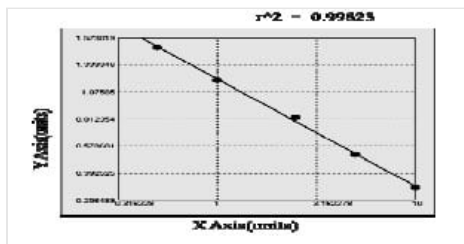
PRODUCT SYNONYMS

Pancreastatin; Mouse Pancreastatin ELISA Kit; Pancreastatin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pancreastatin elisa kit

Intended Uses: This PAN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PAN.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

225385

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/mouse-elisa-kits/pancreastatin/85401>