

Mouse Pro-amylin ELISA Kit

Mouse Pro-amylin ELISA Kit

CATALOG #
AAA85082

REACTIVITY
Mouse

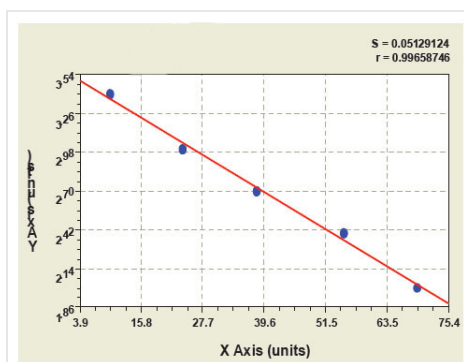
PRODUCT SYNONYMS

Pro-amylin; Mouse Pro-amylin ELISA Kit; Pro-amylin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PROLAPP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse PROLAPP. 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 C)

ADDITIONAL INFORMATION

Related Product Information for Pro-amylin elisa kit

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

Product Categories/Family for Pro-amylin elisa kit

[Signal Transduction](#)

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/pro-amylin/85082>