

Mouse Elastase ELISA Kit | Elastase elisa kit

Mouse Elastase ELISA Kit

CATALOG #
AAA87669

REACTIVITY
Mouse

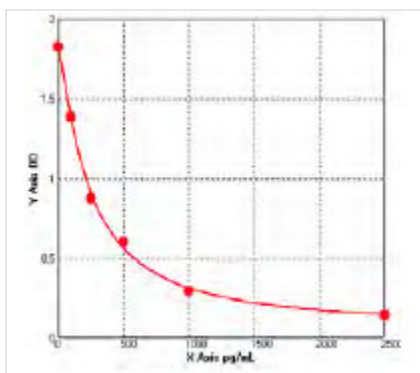
PRODUCT SYNONYMS

Elastase; Mouse Elastase ELISA Kit; Elastase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Elastase elisa kit

Intended Uses: This EGFR2ED ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep EGFR2ED. This ELISA kit for research use only!

Principle of the Assay: EGFR2ED ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-EGFR2ED antibody and an EGFR2ED-HRP conjugate. The assay sample and buffer are incubated together with EGFR2ED-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 EGFR2ED concentration since EGFR2ED from samples and EGFR2ED-HRP conjugate compete for the anti-EGFR2ED antibody binding site. Since the number of sites is limited, as more sites are occupied by EGFR2ED from the sample, fewer sites are left to bind EGFR2ED-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EGFR2ED concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Elastase elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	845581
Molecular Weight	31,271 Da
NCBI Official Full Name	elastase
UniProt Protein Name	Elastase
UniProt Entry Name	Q25510_MANSE

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/elastase/87669>