

Mouse Ribonuclease A ELISA Kit | RNaseA elisa kit

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CATALOG #
AAA87852

REACTIVITY
Mouse

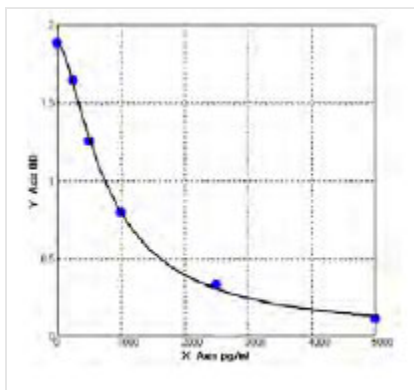
PRODUCT SYNONYMS

Ribonuclease A; Mouse Ribonuclease A ELISA Kit; RNaseA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RNaseA. No significant cross-reactivity or interference between RNaseA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RNaseA and all the analogues, therefore, cross reaction may still exist in some cases.
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 RNaseA elisa kit	Intended Uses: This RNaseA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse RNaseA. This ELISA kit for research use only! Principle of the Assay: RNaseA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RNaseA antibody and an RNaseA-HRP conjugate. The assay sample and buffer are incubated together with RNaseA-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 RNaseA concentration since RNaseA from samples and RNaseA-HRP conjugate compete for the anti-RNaseA antibody binding site. Since the number of sites is limited, as more sites are occupied by RNaseA from the sample, fewer sites are left to bind RNaseA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RNaseA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RNaseA elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	641937
Molecular Weight	17,644 Da
NCBI Official Full Name	ribonuclease A
UniProt Protein Name	Ribonuclease pancreatic
UniProt Gene Name	RNASE1
UniProt Synonym Gene Names	RIB1; RNS1; RNase 1; RNase A
UniProt Entry Name	RNAS1_HUMAN

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/rnasea-mouse-elisa-kits/ribonuclease-a/87852>