

Bovine Ribonuclease ELISA Kit | RNase elisa kit

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CATALOG #
AAA91211

REACTIVITY
Bovine

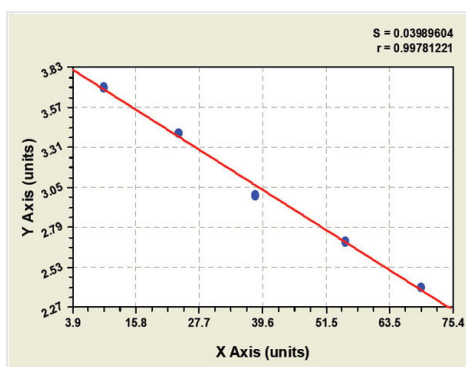
PRODUCT SYNONYMS

Ribonuclease; Bovine Ribonuclease ELISA Kit; RNase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
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 RNase elisa kit

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

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

Product Categories/Family for RNase elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	34496411
NCBI Accession #	NP_900626.1
NCBI GenBank Nucleotide #	NC_005085.1
NCBI Official Full Name	RNase

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.

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Online datasheet: <https://stage.aaabiotech.com/rnase-bovine-ovine-elisa-kits/ribonuclease/91211>