

Sheep Ribonuclease H ELISA Kit | RNASEH elisa kit

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CATALOG #
AAA94880

REACTIVITY
Sheep

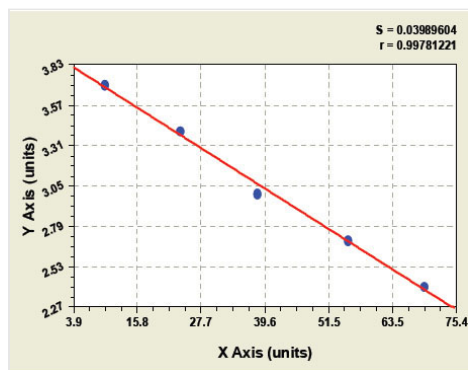
PRODUCT SYNONYMS

Ribonuclease H; Sheep Ribonuclease H ELISA Kit; RNASEH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This RNaseH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep RNaseH. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASEH elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	428271012
NCBI GeneID	14162226
Molecular Weight	17,479 Da
NCBI Official Full Name	Ribonuclease H
NCBI Official Symbol	Sta7437_3452
NCBI Protein Information	Ribonuclease H
UniProt Protein Name	Ribonuclease H
UniProt Gene Name	rnhA
UniProt Synonym Gene Names	Sta7437_3452; RNase H
UniProt Entry Name	K9XWP3_STAC7

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.