

Mouse Ribonuclease III, Nuclear ELISA Kit | RNASEN elisa kit

Mouse Ribonuclease III, Nuclear (RNASEN) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189987

REACTIVITY
Mouse

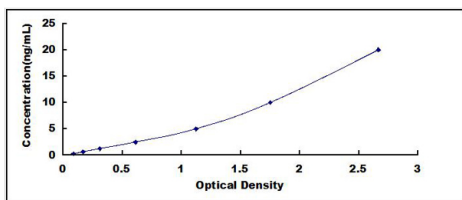
PRODUCT SYNONYMS

Ribonuclease III; Nuclear; Mouse Ribonuclease III; Nuclear (RNASEN) (Sandwich ELISA) ELISA Kit; RnaselIII; RNASE3L; Rnase-III; Etohi2; DROSHA; RN3; RNASE3-L; Ribonuclease Type III; Double-Stranded RNA-Specific Endoribonuclease; ELISA Kit for Ribonuclease III; Nuclear (RNASEN); RNASEN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ribonuclease III, Nuclear (RNASEN). No significant cross-reactivity or interference between Ribonuclease III, Nuclear (RNASEN) and analogues was observed. Reactive with Mouse RNASEN / Ribonuclease III, Nuclear
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/mL
Detection Method	Colormetric
Assay Precision	Intra-Assay: CV<10%, Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

Typical Standard Curve for RNASEN ELISA (Sandwich)

ADDITIONAL INFORMATION

Related Product Information for RNASEN elisa kit

Principle of the Assay||The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ribonuclease III, Nuclear (RNASEN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ribonuclease III, Nuclear (RNASEN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Ribonuclease III, Nuclear (RNASEN), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Ribonuclease III, Nuclear (RNASEN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Product Categories/Family for RNASEN elisa kit

[Enzyme & Kinase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328670
NCBI GeneID	14000
NCBI Accession #	NP_001123621.1
NCBI GenBank Nucleotide #	NM_001130149.1
UniProt Accession #	Q5HZJ0
Molecular Weight	158,828 Da
NCBI Official Full Name	ribonuclease 3
NCBI Official Synonym Full Names	drosha, ribonuclease type III
NCBI Official Symbol	Drosha
NCBI Official Synonym Symbols	Rn3; Etohi2; Rnasen; AI874853; 1110013A17Rik
NCBI Protein Information	ribonuclease 3
UniProt Protein Name	Ribonuclease 3
UniProt Gene Name	Drosha
UniProt Synonym Gene Names	Etohi2; Rn3; Rnasen; RNase III

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/rnasen-mouse-elisa-kits/ribonuclease-iii-nuclear/189987>