

Mouse R-Spondin 3 (RSPO3) RTU ELISA Kit | RSPO3 rtu elisa kit

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CATALOG #
AAA219665

REACTIVITY
Mouse

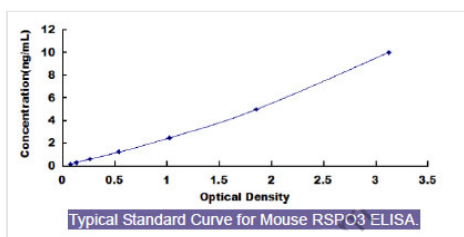
PRODUCT SYNONYMS

R-Spondin 3 (RSPO3); Mouse R-Spondin 3 (RSPO3) ELISA Kit; Roof plate-specific spondin-3; Nucleopondin; Cabriolet; Cysteine-rich and single thrombospondin domain-containing protein 1(Cristin-1); RSPO3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RNASE3. No significant cross-reactivity or interference between RNASE3 and analogues was observed.
Sequence Length	277
Samples	Human Serum, Plasma, Cell Lysates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	28.43pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RNASE3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RNASE3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RSPO3 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RNASE3 in human serum, plasma, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RNASE3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RNASE3. 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 RNASE3, 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 +/- 10nm. The concentration of RNASE3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269973856
NCBI GeneID	72780
NCBI Accession #	NP_082627.3
NCBI GenBank Nucleotide #	NM_028351.3
UniProt Accession #	Q2TJ95; Q3SYI9; Q5R2V4; Q8BVW2; Q9CSB2; A6H6M4
Molecular Weight	31,454 Da
NCBI Official Full Name	R-spondin-3
NCBI Official Synonym Full Names	R-spondin 3
NCBI Official Symbol	Rspo3
NCBI Official Synonym Symbols	Thsd2; AW742308; Cristin1; 2810459H04Rik
NCBI Protein Information	R-spondin-3
UniProt Protein Name	R-spondin-3
UniProt Gene Name	Rspo3
UniProt Synonym Gene Names	Cristin-11 PublicationManual assertion based on opinion iniRef.1

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.