

Rat Reticulon 4, RTN4 ELISA Kit | RTN4 elisa kit

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CATALOG #
AAA123434

REACTIVITY
Rat

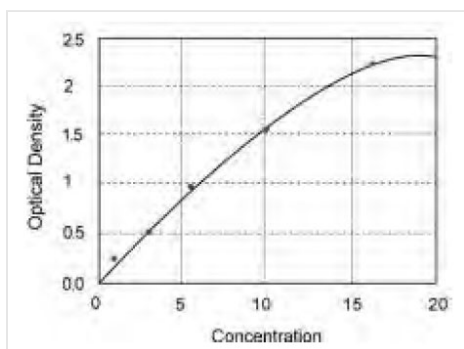
PRODUCT SYNONYMS

Reticulon 4; RTN4; Rat Reticulon 4; RTN4 ELISA Kit; RTN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1163
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-38ng/ml
Sensitivity	0.041ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RTN4 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat RTN4 antibody. RTN4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat RTN4 Antibody is added and binds to RTN4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RTN4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat RTN4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Reticulon 4 (also known as RTN4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13929188
NCBI GeneID	83765
NCBI GenBank Nucleotide #	NP_114019.1
UniProt Accession #	Q9JK11
NCBI Official Full Name	reticulon-4
NCBI Official Synonym Full Names	reticulon 4
NCBI Official Symbol	Rtn4
NCBI Official Synonym Symbols	r; Nogo; Vp20; rat N; NI-250; Nogo-A; rat NogoA
NCBI Protein Information	reticulon-4
UniProt Protein Name	Reticulon-4
UniProt Gene Name	Rtn4
UniProt Synonym Gene Names	Nogo; Nogo protein
UniProt Entry Name	RTN4_RAT

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.