

Human RTN4 ELISA Kit | RTN4 elisa kit

Human RTN4 (Reticulon 4) ELISA Kit

CATALOG #
AAA165376

REACTIVITY
Human

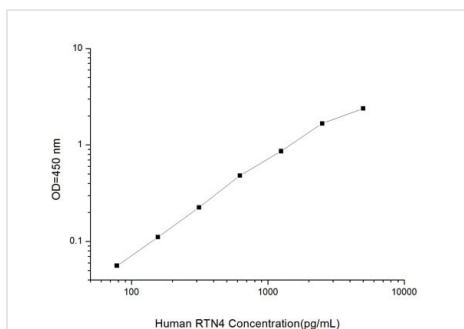
PRODUCT SYNONYMS

RTN4; Human RTN4 (Reticulon 4) ELISA Kit; RTN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human RTN4. No significant cross-reactivity or interference between Human RTN4 and analogues was observed.
Sequence Length	1192
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RTN4 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanRTN4concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to RTN4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for RTN4and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain RTN4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of RTN4.You can calculate the concentration of RTN4in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23379822
NCBI GeneID	57142
UniProt Accession #	Q9NQC3; O94962; Q7L7Q5; Q7L7Q6; Q7L7Q8; Q8IUA4; Q96B16; Q9BXG5; Q9H212; Q9H3I3; Q9UQ42; Q9Y293
Molecular Weight	108,450 Da
NCBI Official Full Name	RTN4
NCBI Official Synonym Full Names	reticulon 4
NCBI Official Symbol	RTN4
NCBI Official Synonym Symbols	ASY; NSP; NOGO; NOGOC; RTN-X; NOGO-A; NSP-CL; Nogo-B; Nogo-C; RTN4-A; RTN4-C; RTN4-B1; RTN4-B2; NI220/250; Nbla00271; Nbla10545
NCBI Protein Information	reticulon-4; Human NogoA; My043 protein; foocen; neurite growth inhibitor 220; neurite outgrowth inhibitor; neuroendocrine-specific protein C homolog; reticulon 5
UniProt Protein Name	Reticulon-4
UniProt Gene Name	RTN4
UniProt Synonym Gene Names	KIAA0886; NOGO; Nogo protein; NSP
UniProt Entry Name	RTN4_HUMAN

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://www.aaabiotech.com/human-elisa-kits/rtn4/165376>