

Rat L1-Cell Adhesion Molecule (L1CAM) RTU ELISA Kit | L1CAM rtu elisa kit

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CATALOG #
AAA216708

REACTIVITY
Rat

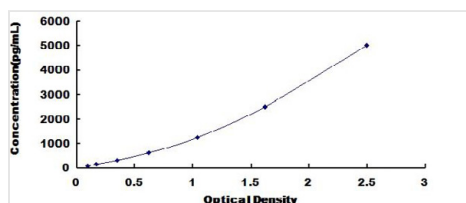
PRODUCT SYNONYMS

L1-Cell Adhesion Molecule (L1CAM); Rat L1-Cell Adhesion Molecule (L1CAM) ELISA Kit; CD171; L1-CAM; CAML1; HSAS; HSAS1; MASA; MIC5; N-CAML1; S10; SPG1; Antigen Identified By Monoclonal Antibody R1; L1CAM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1255
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	25pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for L1CAM rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to L1CAM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to L1CAM. 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 L1CAM, 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 L1CAM in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393820
NCBI GeneID	50687
NCBI Accession #	NP_059041.1
NCBI GenBank Nucleotide #	NM_017345.1
UniProt Accession #	Q05695
Molecular Weight	140,449 Da
NCBI Official Full Name	neural cell adhesion molecule L1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1cam
NCBI Official Synonym Symbols	Hyd; Hsas; NgCAM; NCAML1; N-CAM L1
NCBI Protein Information	neural cell adhesion molecule L1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	L1cam
UniProt Synonym Gene Names	CamI1; N-CAM-L1; NCAM-L1; NILE

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/rat-rtu-elisa-kits/l1-cell-adhesion-molecule-l1cam/216708>