Human Neural Cell Adhesion Molecule L1, L1CAM ELISA Kit | L1CAM elisa kit

Human Neural Cell Adhesion Molecule L1, L1CAM Primacu ELISA Kit

CATALOG #	REACTIVITY
AAA124196	**Human**

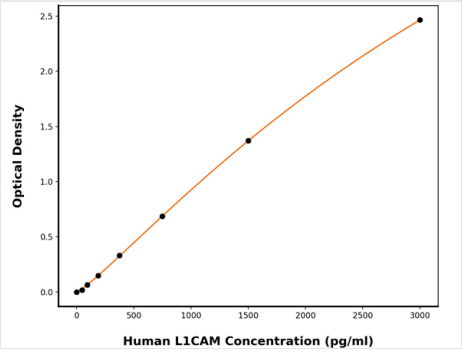
PRODUCT SYNONYMS

Neural Cell Adhesion Molecule L1; L1CAM; Human Neural Cell Adhesion Molecule L1; L1CAM Primacu ELISA Kit; Neural cell adhesion molecule L1; CAML1; MIC5; L1CAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	46.88-3000pg/mL
Sensitivity	8.67pg/mL
Standard Solution	30ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)
Typical Testing Data/Standard Curve (for reference only

ADDITIONAL INFORMATION

Related Product Information for L1CAM elisa kit	L1 cell adhesion molecule (L1CAM), also designated as CD171, is a cell adhesion receptor of the immunoglobulin superfamily, known for its roles in nerve cell function. While originally believed to be present only in brain cells, in recent years L1-CAM has been detected in other tissues, and a variety of cancer cells, including some common types of human cancer. L1CAM interacts with a variety of ligands including axonin-1, CD9, neurocan, and integrins, and it has been revealed that the RGD motif in the sixth Ig domain of L1CAM is a binding site for integrins, thus important for nuclear signaling. Disruption of L1CAM function causes three X-linked neurological syndromes, i.e. hydrocephalus, MASA syndrome (mental retardation, aphasia, shuffling gait, and adducted thumbs), and spastic paraplegia syndrome. Overexpression of L1CAM in normal and cancer cells increased motility, enhanced growth rate, and promoted cell transformation and tumorigenicity. Recent work has identified L1CAM (CD171) as a novel marker for human carcinoma progression, and a candidate for anti-cancer therapy.

Product Categories/Family for L1CAM elisa kit	Primacu ELISA Kit; Neuroscience; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557707
NCBI GeneID	3897
NCBI Accession #	NP_000416.1
NCBI GenBank Nucleotide #	NM_000425.4
UniProt Accession #	P32004; Q8TA87; A0AV65; A4ZYW4; B2RMU7; G3XAF4
Molecular Weight	140,003 Da
NCBI Official Full Name	neural cell adhesion molecule L1 isoform 1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1CAM
NCBI Official Synonym Symbols	S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1
NCBI Protein Information	neural cell adhesion molecule L1; antigen identified by monoclonal antibody R1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	**L1CAM**
UniProt Synonym Gene Names	CAML1; MIC5; N-CAM-L1; NCAM-L1
UniProt Entry Name	L1CAM_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://stage.aaabiotech.com/human-elisa-kits/neural-cell-adhesion-molecule-l1-l1cam/124196