

Mouse CHL1/L1CAM-2 ELISA Kit | Chl1 elisa kit

Mouse CHL1/L1CAM-2 PicoKine ELISA Kit

CATALOG # AAA46800	REACTIVITY Mouse
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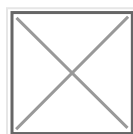
PRODUCT SYNONYMS

CHL1/L1CAM-2; Mouse CHL1/L1CAM-2 PicoKine ELISA Kit; CALL; Cell adhesion molecule with homology to L1CAM (close homolog of L1); Close homolog of L1; FLJ44930; L1 cell adhesion molecule 2; L1CAM2; MGC132578; Neural cell adhesion molecule; O00533; Neural cell adhesion molecule L1-like protein; cell adhesion molecule L1-like; Chl1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CHL1
Sequence Length	1209
Assay Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Anticoagulant	heparin or EDTA
TMB incubation time	25-30
Immunogen	NSO, E26-W1083
Sample Data	Concentration(pg/ml): 0 156 312 625 1250 2500 5000 10000 O.D.: 0.003 0.084 0.144 0.268 0.522 0.945 1.719 2.493
Intra/Inter Assay Precision	Sample: 1 2 3 1 2 3 n: 16 16 16 24 24 24 Mean(pg/ml): 159 1030 2729 301 878 3257 Standard Deviation: 8.42 73.13 201.95 14.74 62.33 172.62 CV(%): 5.3 7.1 7.4 4.9 7.1 5.3
Assay Procedure Step 1	Aliquot 0.1ml per well of the 10000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml mouse CHL1 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, cell lysates, tissue homogenates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse CHL1 standard solution and each sample be measured in duplicate.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

Mouse CHL1/L1CAM-2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for Chl1 elisa kit	For quantitative detection of mouse CHL1 in cell culture supernates, cell lysates, tissue homogenates, serum and plasma(heparin, EDTA). Background: Neural cell adhesion molecule L1-like protein also known as close homolog of L1 (CHL1) is a protein that in humans is encoded by the CHL1 gene. This protein is a member of the L1 gene family of neural cell adhesion molecules. By FISH, the CHL1 gene was mapped to chromosome 3p26.1. The protein however has dynamic localisation, meaning that it has not only multiple roles in the cell, but also various locations. This protein may also play a role in the growth of certain cancers. Principle: Mouse CHL1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from Rat specific for CHL1 has been precoated onto 96-well plates. Standards (Expression system for standard: NSO, Immunogen sequence: E26-W1083) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CHL1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse CHL1 amount of sample captured in plate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110347545
NCBI GeneID	12661
NCBI Accession #	NP_031723.2
NCBI GenBank Nucleotide #	NM_007697.2
UniProt Accession #	P70232; Q8BS24; Q8C6W0; Q8C823; Q8VBY7; A2RRK1
Molecular Weight	129,001 Da
NCBI Official Full Name	neural cell adhesion molecule L1-like protein
NCBI Official Synonym Full Names	cell adhesion molecule L1-like
NCBI Official Symbol	Chl1
NCBI Official Synonym Symbols	CALL; LICAM2; AI465420; A530023M13Rik
NCBI Protein Information	neural cell adhesion molecule L1-like protein
UniProt Protein Name	Neural cell adhesion molecule L1-like protein
UniProt Gene Name	Chl1
UniProt Synonym Gene Names	Call

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.