

# Mouse CHL1,L1CAM-2 ELISA Kit

Catalog No: #EK5753

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## Description

Product Name	Mouse CHL1,L1CAM-2 ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,E26-W1083
Other Names	Neural cell adhesion molecule L1-like protein; Cell adhesion molecule with homology to L1CAM; Chl1-like protein; Close homolog of L1; Processed neural cell adhesion molecule L1-like protein; Chl1; Call;
Accession No.	P70232
Uniprot	P70232
GeneID	12661;
Cell Localization	Cell membrane; Soluble forms produced by cleavage,shedding alsoexist.

## Application Details

sensitivity:10pg mlDetect Range:156pg ml-10000pg ml  
 sample\_type:cell culture supernates cell lysates tissue homogenates serum and plasma(heparin EDTA).  
 capture\_antibody:detection\_antibody:gene\_name:Chl1protein\_name:Neural cell adhesion molecule L1-like proteingene\_full\_name:Neural cell adhesion molecule L1-like proteintissue\_specificity: Expressed in the brain in the cerebellum andin the spinal cord. Detected in the retina and the optic nerve.Expressed in neurons and glial cells in the central nervous systemand by Schwann cells in the peripheral nervous system..  
 sequence\_similarities:tmb\_incubation:25-30minresearch\_category:

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse CHL1,L1CAM-2

## Background

protein\_function: Extracellular matrix and cell adhesion protein thatplays a role in nervous system development and in synapticplasticity. Both soluble and membranous forms promote neuriteoutgrowth of cerebellar and hippocampal neurons and suppressneuronal cell death. Plays a role in neuronal positioning ofpyramidal neurons as well as in regulation of both the number ofinterneurons and the efficacy of GABAergic synapses. May play arole in regulating cell migration in nerve regeneration andcortical development. Potentiates integrin-dependent cellmigration towards extracellular matrix proteins. Recruits ANK3 tothe plasma membrane..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.

Note: This product is for in vitro research use only