

Mouse chordin-like 1 ELISA Kit | CHRDL1 elisa kit

Mouse Chordin-like protein 1, CHRDL1 ELISA Kit

CATALOG #
AAA112749

REACTIVITY
Mouse

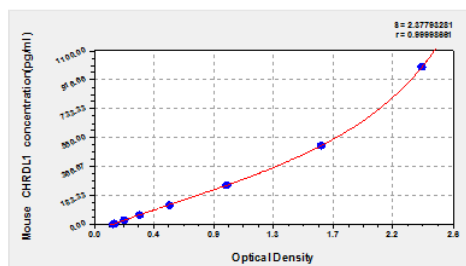
PRODUCT SYNONYMS

chordin-like 1; Mouse Chordin-like protein 1; CHRDL1 ELISA Kit; Mouse Chordin-like protein 1 (CHRDL1) ELISA kit; RP6-141H5.1; CHL; NRLN1; VOPT; dA141H5.1; neuralin 1; neurogenesis-1; ventroptin; CHRDL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CHRDL1. No significant cross-reactivity or interference between mouse CHRDL1 and analogues was observed.
Sequence Length	447
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of mouse CHRDL1 is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRDL1 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CHRDL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CHRDL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CHRDL1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CHRDL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167466239
NCBI GeneID	83453
NCBI Accession #	NP_001107857.1
NCBI GenBank Nucleotide #	NM_001114385.1
UniProt Accession #	Q920C1; Q924K0; Q9EPZ9
Molecular Weight	50,732 Da
NCBI Official Full Name	chordin-like protein 1 isoform 1
NCBI Official Synonym Full Names	chordin-like 1
NCBI Official Symbol	Chrdl1
NCBI Official Synonym Symbols	CHL; CHL1; VOPT; Nrln1
NCBI Protein Information	chordin-like protein 1; neuralin-1; neurogenesin-1; ventroptin-beta; ventroptin-alpha
UniProt Protein Name	Chordin-like protein 1
UniProt Gene Name	Chrdl1
UniProt Synonym Gene Names	Ng1; Nrln1
UniProt Entry Name	CRDL1_MOUSE

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.