

Human Chordin Like Protein 1 (CHRD1) ELISA Kit | CHRD1 elisa kit

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CATALOG #
AAA20681

REACTIVITY
Human

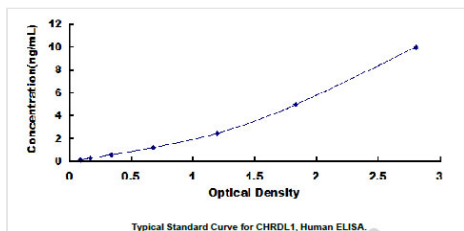
PRODUCT SYNONYMS

Chordin Like Protein 1 (CHRD1); Human Chordin Like Protein 1 (CHRD1) ELISA Kit; NRLN1; CHL; VOPT; Ventroptin; Neuralin-1; Neurogenesis-1; CHRD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHRD1. No significant cross-reactivity or interference between CHRD1 and analogues was observed.
Sequence Length	456
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CHRD1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CHRD1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRDL1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CHRDL1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CHRDL1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CHRDL1. 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 CHRDL1, 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 +/- 10nm. The concentration of CHRDL1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CHRDL1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316561
NCBI GeneID	91851
NCBI Accession #	NP_001137453.1
NCBI GenBank Nucleotide #	NM_001143981.1
UniProt Accession #	Q9BU40; Q539E4; Q9Y3H7; B1AKD0; B4DMP3; D3DUY6; E9PGS5
Molecular Weight	52,026 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; MGC1; MGCN; VOPT; NRLN1; dA141H5.1
NCBI Protein Information	chordin-like protein 1
UniProt Protein Name	Chordin-like protein 1
UniProt Gene Name	CHRDL1
UniProt Synonym Gene Names	NRLN1
UniProt Entry Name	CRDL1_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.