

Mouse Chordin Like Protein 2 (CHRD2) ELISA Kit | CHRD2 elisa kit

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CATALOG #
AAA65802

REACTIVITY
Mouse

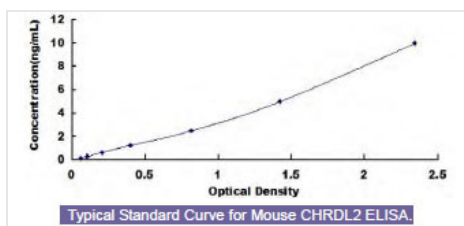
PRODUCT SYNONYMS

Chordin Like Protein 2 (CHRD2); Mouse Chordin Like Protein 2 (CHRD2) ELISA Kit; BNF1; CHL2; Breast Tumor Novel Factor 1; Chordin-related protein 2; CHRD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CHRD2. No significant cross-reactivity or interference between CHRD2 and analogues was observed.
Sequence Length	433
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
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 CHRD2 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 CHRD2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRDL2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CHRDL2 in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHRDL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CHRDL2. 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 CHRDL2, 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 CHRDL2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	604723321
NCBI GeneID	69121
NCBI Accession #	NP_001278249.1
NCBI GenBank Nucleotide #	NM_001291320.1
UniProt Accession #	Q8VEA6; Q925I3
Molecular Weight	47,765 Da
NCBI Official Full Name	chordin-like protein 2 isoform 1
NCBI Official Synonym Full Names	chordin-like 2
NCBI Official Symbol	Chrdl2
NCBI Official Synonym Symbols	Chl2; 1810022C01Rik
NCBI Protein Information	chordin-like protein 2
UniProt Protein Name	Chordin-like protein 2
UniProt Gene Name	Chrdl2
UniProt Synonym Gene Names	Chl2

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.