

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

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CATALOG #
AAA219760

REACTIVITY
Human

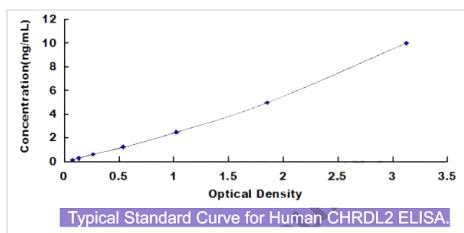
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/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	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRDL2 elisa kit	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. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CHRDL2 in human tissue homogenates, cell lysates or other biological fluids.
Product Categories/Family for CHRDL2 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	510937050
NCBI GeneID	25884
NCBI Accession #	NP_001265402.1
NCBI GenBank Nucleotide #	NM_001278473.1
UniProt Accession #	Q6WN34; Q6WN30; Q6WN31; Q6WN32; Q7Z5J3; A5PKU9
Molecular Weight	47,495 Da
NCBI Official Full Name	chordin-like protein 2 isoform 2
NCBI Official Synonym Full Names	chordin-like 2
NCBI Official Symbol	CHRDL2
NCBI Official Synonym Symbols	BNF1; CHL2; FKSG37
NCBI Protein Information	chordin-like protein 2; BNF-1; chordin-related protein 2; breast tumor novel factor 1
UniProt Protein Name	Chordin-like protein 2
UniProt Gene Name	CHRDL2
UniProt Synonym Gene Names	BNF1; CHL2; UNQ765/PRO1557; BNF-1
UniProt Entry Name	CRDL2_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.