

Human Chordin (CHRD) ELISA Kit | CHRD elisa kit

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CATALOG #
AAA68525

REACTIVITY
Human

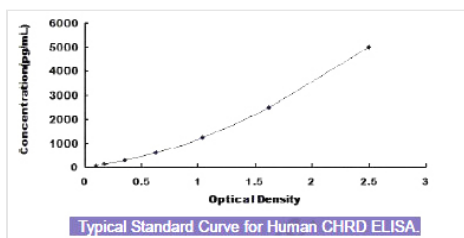
PRODUCT SYNONYMS

Chordin (CHRD); Human Chordin (CHRD) ELISA Kit; CHRD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHRD. No significant cross-reactivity or interference between CHRD and analogues was observed.
Sequence Length	954
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	<37.2pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CHRD 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 CHRD were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRD elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CHRD in human serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CHRD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CHRD. 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 CHRD, 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 CHRD in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	751247033
NCBI GeneID	8646
NCBI Accession #	NP_001291401.1
NCBI GenBank Nucleotide #	NM_001304472.1
UniProt Accession #	Q9H2X0; O95254; Q2M1I8; Q6UW83; Q9H2D3; Q9H2W8; Q9H2W9; Q9P0Z2; Q9P0Z3; Q9P0Z4; Q9P0Z5
Molecular Weight	97,731 Da
NCBI Official Full Name	chordin isoform 2
NCBI Official Synonym Full Names	chordin
NCBI Official Symbol	CHRD
NCBI Protein Information	chordin
UniProt Protein Name	Chordin
UniProt Gene Name	CHRD

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/chordin-chrd/68525>