

Rat Chordin ELISA Kit | CHRD elisa kit

Rat Chordin PicoKine ELISA Kit

CATALOG #
AAA125292

REACTIVITY
Rat

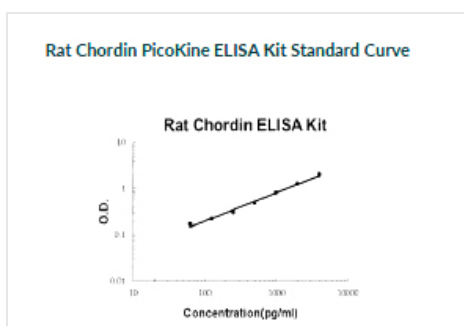
PRODUCT SYNONYMS

Chordin; Rat Chordin PicoKine ELISA Kit; Rat Chordin; Chrd; CHRD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Chrd
Sequence Length	951
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRDeLISA kit	Principle of the Assay: The Picokine™ Rat Chrd Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Chrd with a 96-well strip plate that is pre-coated with antibody specific for Chrd. The detection antibody is a biotinylated antibody specific for Chrd. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Rat Chrd with immunogen: Expression system for standard: NSO, Immunogen sequence: T27-S948. The kit is analytically validated with ready to use reagents. To measure Rat Chrd, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Rat Chrd in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat Chrd in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134047725
NCBI GeneID	117275
UniProt Accession #	Q63148
NCBI Official Full Name	Chordin
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/chrd-rat-elisa-kits/chordin/125292>