

Canine Chordin (CHRD) ELISA Kit | CHRD elisa kit

Canine Chordin (CHRD) ELISA Kit

CATALOG #
AAA246304

REACTIVITY
Canine

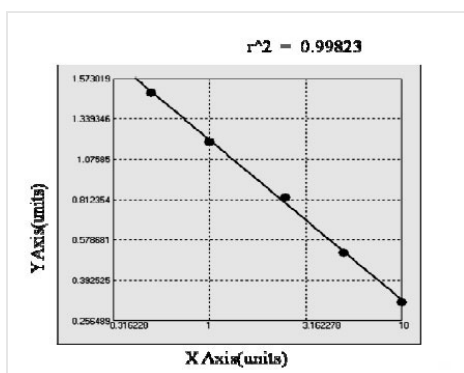
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRD elisa kit

Intended Uses: This CHRD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CHRD. This ELISA kit for research use only!

Principle of the Assay|CHRD ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CHRD antibody and an CHRD -HRP conjugate. The assay sample and buffer are incubated together with CHRD -HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CHRD concentration since CHRD from samples and CHRD -HRP conjugate compete for the anti-CHRD antibody binding site. Since the number of sites is limited, as more sites are occupied by CHRD from the sample, fewer sites are left to bind CHRD -HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHRD concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CHRD elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3822218
NCBI GeneID	8646
Molecular Weight	97,731 Da
NCBI Official Full Name	chordin, partial
NCBI Official Synonym Full Names	chordin
NCBI Official Symbol	CHRD
NCBI Protein Information	chordin
UniProt Protein Name	Chordin
UniProt Gene Name	CHRD
UniProt Synonym Gene Names	UNQ217/PRO243
UniProt Entry Name	CHRD_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/chordin-chrd/246304>