

ARG82565 Rat Chordin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82565-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82565-002	Standard	2 X 10 ng/vial	4°C
ARG82565-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82565-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82565-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82565-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82565-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82565-008	25X Wash buffer	20 ml	4°C
ARG82565-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82565-010	STOP solution	10 ml (Ready to use)	4°C
ARG82565-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82565 Rat Chordin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat Chordin in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	Chordin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	50 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 6.8%

Alternate Names	Chordin
-----------------	---------

Application Instructions

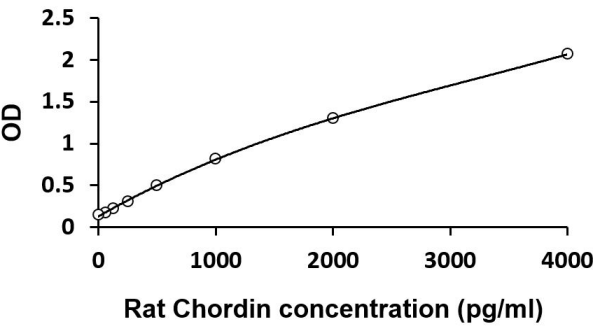
Assay Time	~ 5 hours
------------	-----------

Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CHRD
Gene Full Name	chordin
Background	This gene encodes a secreted protein that dorsalizes early vertebrate embryonic tissues by binding to ventralizing TGF-beta-like bone morphogenetic proteins and sequestering them in latent complexes. The encoded protein may also have roles in organogenesis and during adulthood. It has been suggested that this gene could be a candidate gene for Cornelia de Lange syndrome. Reduced expression of this gene results in enhanced bone regeneration. Alternative splicing results in multiple transcript variants. Other alternative splice variants have been described but their full length sequence has not been determined. [provided by RefSeq, Jan 2015]
Function	Dorsalizing factor. Key developmental protein that dorsalizes early vertebrate embryonic tissues by binding to ventralizing TGF-beta family bone morphogenetic proteins (BMPs) and sequestering them in latent complexes (By similarity). [UniProt]
Highlight	Related products: Chordin antibodies ; Chordin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Cleaved by tolloid proteases; cleavage participates in dorsoventral patterning during early development. [UniProt]
Cellular Localization	Secreted. [UniProt]



ARG82565 Rat Chordin ELISA Kit standard curve image

ARG82565 Rat Chordin ELISA Kit results of a typical standard run with optical density reading at 450 nm.