

Product datasheet

info@arigobio.com

ARG82835 Rat BMPER / Crossveinless 2 ELISA Kit

Package: 96 wells Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82835-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82835-002	Standard	2 X 10 ng/vial	4°C
ARG82835-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82835-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG82835-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82835-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG82835-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82835-008	25X Wash buffer	20 ml	4°C
ARG82835-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82835-010	STOP solution	10 ml (Ready to use)	4°C
ARG82835-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82835 Rat BMPER / Crossveinless 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat BMPER / Crossveinless 2 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.				
Tested Reactivity	Rat				
Tested Application	ELISA				
Target Name	BMPER / Crossveinless 2				
Conjugation	HRP				
Conjugation Note	Substrate: TMB and read at 450 nm.				
Sensitivity	31.3 pg/ml				
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.				
Standard Range	62.5 - 4000 pg/ml				
Sample Volume	100 μΙ				
Precision	Intra-Assay CV: 5.4% Inter-Assay CV: 7.2%				

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 BMPER

Gene Full Name BMP binding endothelial regulator

Background This gene encodes a secreted protein that interacts with, and inhibits bone morphogenetic protein

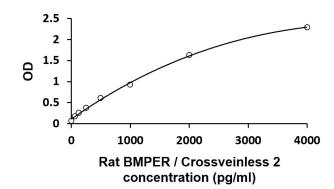
(BMP) function. It has been shown to inhibit BMP2- and BMP4-dependent osteoblast differentiation and BMP-dependent differentiation of the chondrogenic cells. Mutations in this gene are associated with a lethal skeletal disorder, diaphanospondylodysostosis. [provided by RefSeq, Dec 2011]

Function Inhibitor of bone morphogenetic protein (BMP) function, it may regulate BMP responsiveness of

osteoblasts and chondrocytes. [UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG82835 Rat BMPER / Crossveinless 2 ELISA Kit standard curve image

ARG82835 Rat BMPER / Crossveinless 2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.