

ARG81926 Mouse CD201 / EPCR ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81926-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81926-002	Standard	2 X 10 ng/vial	4°C
ARG81926-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81926-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81926-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81926-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81926-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81926-008	25X Wash buffer	20 ml	4°C
ARG81926-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81926-010	STOP solution	10 ml (Ready to use)	4°C
ARG81926-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81926 Mouse CD201 / EPCR ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD201 / EPCR in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD201 / EPCR
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.1%; Inter-Assay CV: 6.7%
Alternate Names	CD antigen CD201; Activated protein C receptor; EPCR; APC receptor; CCCA; Endothelial cell protein C receptor; CCD41; Endothelial protein C receptor

Application Instructions

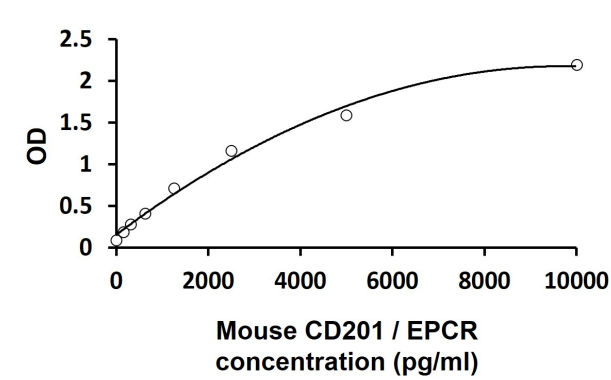
Assay Time	~ 5 hours
------------	-----------

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	PROCR
Gene Full Name	protein C receptor, endothelial
Background	The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. The encoded protein may also play a role in malarial infection and has been associated with cancer. [provided by RefSeq, Jul 2013]
Function	Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation. [UniProt]
Highlight	Related products: CD201 antibodies ; CD201 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	N-glycosylated. A soluble form exists; probably released by a metalloprotease. Seems to have the same activity as the membrane-bound form. [UniProt]



ARG81926 Mouse CD201 / EPCR ELISA Kit standard curve image

ARG81926 Mouse CD201 / EPCR ELISA Kit results of a typical standard run with optical density reading at 450 nm.