

ARG82402 Human JAM2 / JAMB / CD322 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82402-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82402-002	Standard	2 X 10 ng/vial	4°C
ARG82402-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82402-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82402-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82402-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82402-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82402-008	25X Wash buffer	20 ml	4°C
ARG82402-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82402-010	STOP solution	10 ml (Ready to use)	4°C
ARG82402-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82402 Human JAM2 / JAMB / CD322 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human JAM2 / JAMB / CD322 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	JAM2 / JAMB / CD322
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.5% Inter-Assay CV: 6.3%

Alternate Names

JAM-2; Junctional adhesion molecule B; CD antigen CD322; Vascular endothelial junction-associated molecule; JAM-B; C21orf43; PRO245; JAMB; Junctional adhesion molecule 2; VEJAM; CD322; VE-JAM

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 JAM2

Gene Full Name junctional adhesion molecule 2

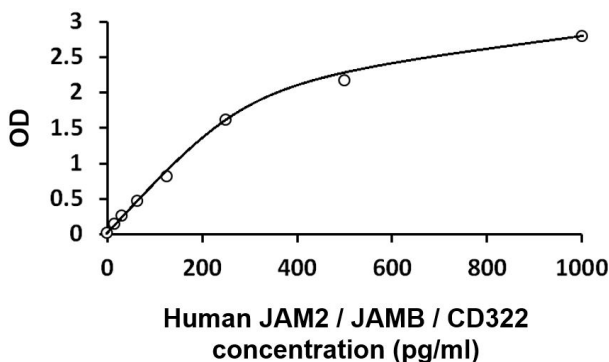
Background This gene belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. The protein encoded by this gene is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2012]

Function May play a role in the processes of lymphocyte homing to secondary lymphoid organs. [UniProt]

Highlight Related products:
[JAM2 antibodies](#); [JAM2 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein. Note=Localized at tight junctions of both epithelial and endothelial cells. [UniProt]

Images



ARG82402 Human JAM2 / JAMB / CD322 ELISA Kit standard curve image

ARG82402 Human JAM2 / JAMB / CD322 ELISA Kit results of a typical standard run with optical density reading at 450 nm.