ARG82538
Mouse CD206 / MMR ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82538-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82538-002	Standard	2 X 50 ng/vial	4°C
ARG82538-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82538-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82538-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82538-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82538-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82538-008	25X Wash buffer	20 ml	4°C
ARG82538-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82538-010	STOP solution	10 ml (Ready to use)	4°C
ARG82538-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82538 Mouse CD206 / MMR ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD206 / MMR in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CD206 / MMR
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.39 ng/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	0.78 - 50 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.5% Inter-Assay CV: 6.3%

Alternate Names	CLEC13D; C-type lectin domain family 13 member D; Macrophage mannose receptor 1-like protein 1; C-type lectin domain family 13 member D-like; MMR; CLEC13DL; CD206; Macrophage mannose receptor 1; bA541I19.1; CD antigen CD206; MRC1L1

Application Instructions

Assay Time	~ 5 hours

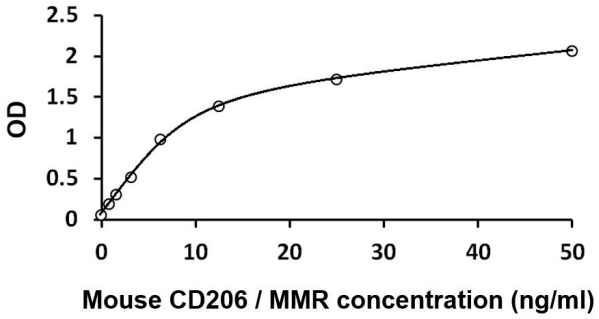
Properties

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	MRC1
Gene Full Name	mannose receptor, C type 1
Background	The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. CD206 / MMR is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment. [provided by RefSeq, Sep 2015]
Function	CD206 / MMR mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. (Microbial infection) Acts as phagocytic receptor for bacteria, fungi and other pathogens. (Microbial infection) Acts as a receptor for Dengue virus envelope protein E. (Microbial infection) Interacts with Hepatitis B virus envelope protein. [UniProt]
Highlight	Related products: CD206 antibodies; CD206 ELISA Kits; CD206 Duos / Panels; Related news: New antibody panels and duos for Tumor immune microenvironment Tumor-Infiltrating Lymphocytes (TILs) Anti-SerpinB9 therapy, a new strategy for cancer therapy RIP1 activation and pathogenesis of NASH New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Endosome membrane; Single-pass type I membrane protein. Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG82538 Mouse CD206 / MMR ELISA Kit standard curve image

ARG82538 Mouse CD206 / MMR ELISA Kit results of a typical standard run with optical density reading at 450 nm.