

ARG83325 Human MARCO ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83325 Human MARCO ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human MARCO in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	MARCO
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Detection Range	156 pg/ml - 10,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.2% Inter-Assay CV: 5.7%
Alternate Names	MARCO; Macrophage Receptor With Collagenous Structure; SCARA2; SR-A6; Scavenger Receptor Class A, Member 2; Macrophage Receptor MARCO; Scavenger Receptor Class A Member 2

Application Instructions

Assay Time	~ 5 hours
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Properties

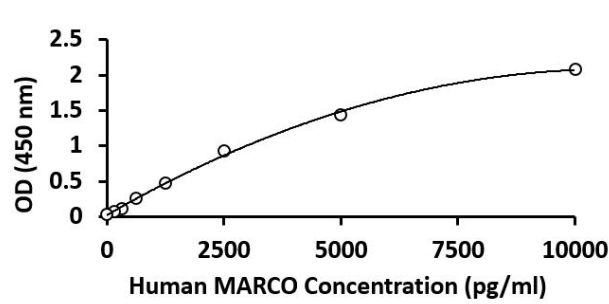
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	MARCO
Gene Full Name	Macrophage Receptor With Collagenous Structure
Background	The protein encoded by this gene is a member of the class A scavenger receptor family and is part of the innate antimicrobial immune system. The protein may bind both Gram-negative and Gram-positive bacteria via an extracellular, C-terminal, scavenger receptor cysteine-rich (SRCR) domain. In addition to short cytoplasmic and transmembrane domains, there is an extracellular spacer domain and a long, extracellular collagenous domain. The protein may form a trimeric molecule by the association of the collagenous domains of three identical polypeptide chains.

Function	Also plays a role in binding of unopsonized particles by alveolar macrophages. [Uniprot]
PTM	Disulfide bond, Glycoprotein. [Uniprot]
Cellular Localization	Cell membrane, Membrane. [Uniprot]

Images



ARG83325 Human MARCO ELISA Kit standard curve image

ARG83325 Human MARCO ELISA Kit results of a typical standard run with optical density reading at 450 nm.