

ARG81695 Human CD156 / ADAM8 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81695-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81695-002	Standard	2 X 10 ng/vial	4°C
ARG81695-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81695-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81695-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81695-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81695-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81695-008	25X Wash buffer	20 ml	4°C
ARG81695-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81695-010	STOP solution	10 ml (Ready to use)	4°C
ARG81695-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81695 Human CD156 / ADAM8 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD156 / ADAM8 in serum and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD156 / ADAM8
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.2%; Inter-Assay CV: 7.0%
Alternate Names	ADAM 8; Disintegrin and metalloproteinase domain-containing protein 8; MS2; EC 3.4.24.-; CD antigen CD156a; Cell surface antigen MS2; CD156; CD156a

Application Instructions

Assay Time ~ 5 hours

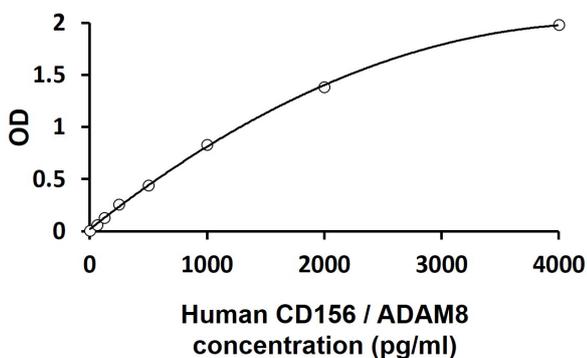
Properties

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	ADAM8
Gene Full Name	ADAM metalloproteinase domain 8
Background	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene may be involved in cell adhesion during neurodegeneration, and it is thought to be a target for allergic respiratory diseases, including asthma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2009]
Function	Possible involvement in extravasation of leukocytes. [UniProt]
Highlight	Related products: ADAM antibodies ; ADAM ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81695 Human MS2 / ADAM8 / CD156 ELISA Kit standard curve image

ARG81695 Human MS2 / ADAM8 / CD156 ELISA Kit results of a typical standard run with optical density reading at 450 nm.