

ARG82278 Human Apolipoprotein M ELISA Kit

Package: 2x96 wells
Store at: 4°C

Summary

Product Description	ARG82278 Human Apolipoprotein M ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Apolipoprotein M in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Apolipoprotein M
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.01 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.03 - 20 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 3.0% Inter-Assay CV: 3.6%
Alternate Names	ApoM; Apo-M; NG20; Apolipoprotein M; G3a; Protein G3a; HSPC336; apo-M

Application Instructions

Assay Time	~ 4.5 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	APOM
Gene Full Name	apolipoprotein M
Background	The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene. [provided by RefSeq, Jan 2012]
Function	Probably involved in lipid transport. Can bind sphingosine-1-phosphate, myristic acid, palmitic acid and

stearic acid, retinol, all-trans-retinoic acid and 9-cis-retinoic acid. [UniProt]

Highlight

Related products:

[Apolipoprotein antibodies: Apolipoprotein ELISA Kits:](#)

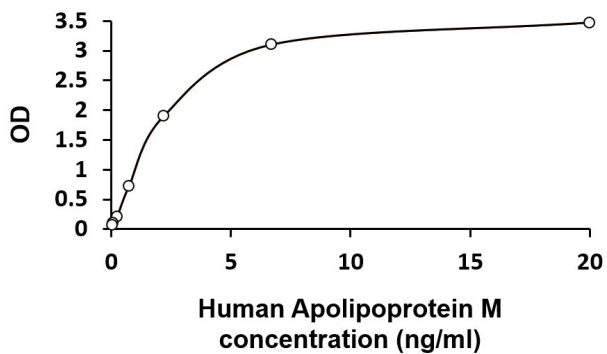
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Cellular Localization

Secreted. Note=Present in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins (LDL). [UniProt]

Images



ARG82278 Human Apolipoprotein M ELISA Kit standard curve image

ARG82278 Human Apolipoprotein M ELISA Kit results of a typical standard run with optical density reading at 450 nm.