

## ARG82277 Human Apolipoprotein D ELISA Kit

Package: 2x96 wells  
Store at: 4°C

### Summary

Product Description	ARG82277 Human Apolipoprotein D ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Apolipoprotein D in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Apolipoprotein D
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.44 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.5 - 32 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 8.1%
Alternate Names	ApoD; Apo-D; Apolipoprotein D

### 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	APOD
Gene Full Name	apolipoprotein D
Background	This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. [provided by RefSeq, Aug 2008]
Function	APOD occurs in the macromolecular complex with lecithin-cholesterol acyltransferase. It is probably

involved in the transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts. [UniProt]

#### Highlight

Related products:

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

New ELISA data calculation tool:

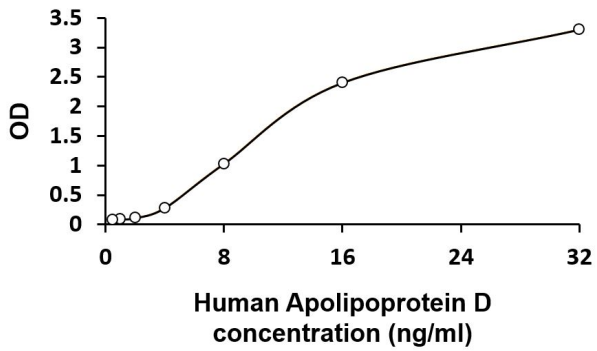
[Simplify the ELISA analysis by GainData](#)

#### Cellular Localization

Secreted. [UniProt]

## Images

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ARG82277 Human Apolipoprotein D ELISA Kit standard curve image

ARG82277 Human Apolipoprotein D ELISA Kit results of a typical standard run with optical density reading at 450 nm.