

## ARG82036 Human Recoverin ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG82036 Human Recoverin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Recoverin in serum, plasma, cell lysates and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Recoverin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.09 ng/ml
Sample Type	Serum, plasma, cell lysates and cell culture supernatants.
Standard Range	0.313 - 20 ng/ml
Sample Volume	50 µl
Precision	Intra-Assay CV: 5.1%; Inter-Assay CV: 10.0%
Alternate Names	Recoverin; Cancer-associated retinopathy protein; RCV1; Protein CAR

### 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	RCVRN
Gene Full Name	recoverin
Background	This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy. [provided by RefSeq, Jul 2008]
Function	Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The

calcium-bound recoverin prolongs the photoresponse. [UniProt]

## Highlight

Related products:

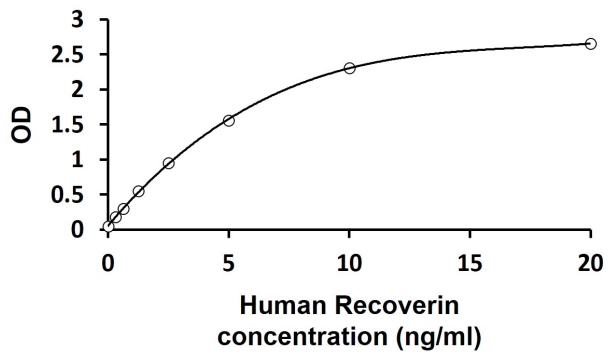
[Recoverin antibodies](#); [Recoverin ELISA Kits](#);

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

## Images

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ARG82036 Human Recoverin ELISA Kit standard curve image

ARG82036 Human Recoverin ELISA Kit results of a typical standard run with optical density reading at 450 nm.