

## ARG83277 Human Calsyntenin 2 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83277 Human Calsyntenin 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Calsyntenin 2 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	CLSTN2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 6.8% Inter-Assay CV: 6.0%
Alternate Names	CLSTN2; Calsyntenin 2; CS2; CDHR13; CSTN2; Cadherin-Related Family Member 13; Calsyntenin-2; FLJ39113; Alcadein Gamma; Alcadein-Gamma; ALC-GAMMA; Alcagamma; Alc-Gamma

### 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	CLSTN2
Gene Full Name	Calsyntenin 2
Background	Predicted to enable calcium ion binding activity. Predicted to be involved in positive regulation of synapse assembly and positive regulation of synaptic transmission. Predicted to be located in postsynaptic density. Predicted to be active in cell surface; glutamatergic synapse; and postsynaptic membrane. Predicted to be integral component of postsynaptic density membrane.
Function	Promotes synapse development by acting as a cell adhesion molecule at the postsynaptic membrane,

which associates with neurexin-alpha at the presynaptic membrane.

PTM

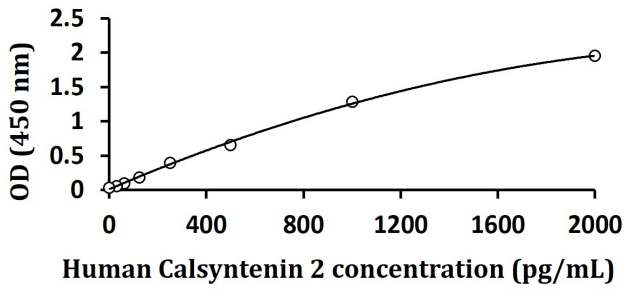
Glycoprotein

Cellular Localization

Cell membrane, Cell projection, Endoplasmic reticulum, Golgi apparatus, Membrane, Postsynaptic cell membrane, Synapse

## Images

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ARG83277 Human Calsyntenin 2 ELISA Kit standard curve image

ARG83277 Human Calsyntenin 2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.

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