

## ARG83322 Human LSAMP ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83322 Human LSAMP ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human LSAMP 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	LSAMP
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	9 pg/ml
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.9% Inter-Assay CV: 4.4%
Alternate Names	LSAMP; Limbic System Associated Membrane Protein; IGLON3; LAMP; Limbic System-Associated Membrane Protein; IgLON Family Member 3

### 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	LSAMP
Gene Full Name	Limbic System Associated Membrane Protein
Background	This gene encodes a member of the immunoglobulin LAMP, OBCAM and neurotrimin (IgLON) family of proteins. The encoded preproprotein is proteolytically processed to generate a neuronal surface glycoprotein. This protein may act as a selective homophilic adhesion molecule during axon guidance and neuronal growth in the developing limbic system. The encoded protein may also function as a tumor suppressor and may play a role in neuropsychiatric disorders. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically

processed.

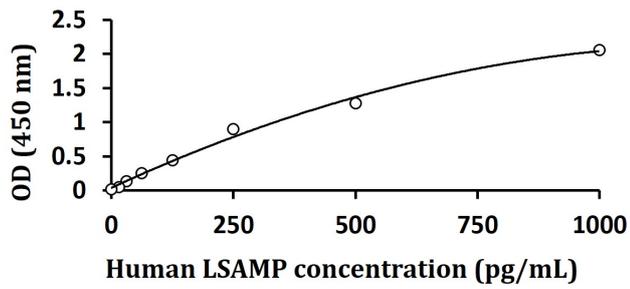
**Function** Mediates selective neuronal growth and axon targeting. Contributes to the guidance of developing axons and remodeling of mature circuits in the limbic system. Essential for normal growth of the hippocampal mossy fiber projection.

**PTM** Disulfide bond, Glycoprotein, GPI-anchor, Lipoprotein, Phosphoprotein

**Cellular Localization** Cell membrane, Membrane

## Images

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ARG83322 Human LSAMP ELISA Kit standard curve image

ARG83322 Human LSAMP ELISA Kit results of a typical standard run with optical density reading at 450 nm.

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