

## ARG83272 Human DSCAML1 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83272 Human DSCAML1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human DSCAML1 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	DSCAML1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	156 pg/ml - 10,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 2.6% Inter-Assay CV: 4.3%
Alternate Names	DSCAML1; DS Cell Adhesion Molecule Like 1; KIAA1132; Down Syndrome Cell Adhesion Molecule-Like Protein 1; Down Syndrome Cell Adhesion Molecule 2; Cell Adhesion Molecule DSCAML1; DSCAM2; Downs Syndrome Cell Adhesion Molecule Like 1; Down Syndrome Cell Adhesion Molecule Like 1; DSCAM-Like 1

### 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.

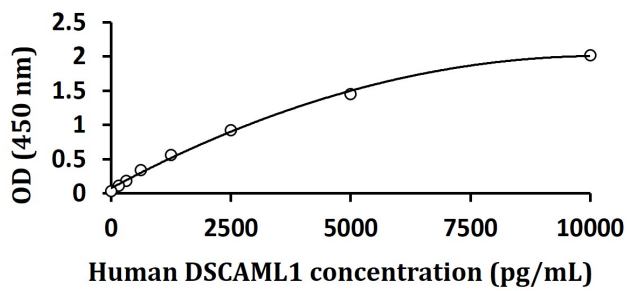
### Bioinformation

Gene Symbol	DSCAML1
Gene Full Name	DS Cell Adhesion Molecule Like 1
Background	The protein encoded by this gene is a member of the Ig superfamily of cell adhesion molecules and is involved in neuronal differentiation. The encoded membrane-bound protein localizes to the cell surface, where it forms aggregates that repel neuronal processes of the same cell type.

Function	Promotes repulsion between specific neuronal processes of either the same cell or the same subtype of cells. Promotes both isoneuronal self-avoidance for creating an orderly neurite arborization in retinal rod bipolar cells and heteroneuronal self-avoidance to maintain mosaic spacing between AII amacrine cells.
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Cell membrane, Membrane, Synapse

## Images

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ARG83272 Human DSCAML1 ELISA Kit standard curve image

ARG83272 Human DSCAML1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.

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