

Human DSCAML1 ELISA Kit | DSCAML1 elisa kit

Human DSCAML1 ELISA Kit PicoKine

CATALOG # AAA126734	REACTIVITY Human	APPLICATIONS ELISA
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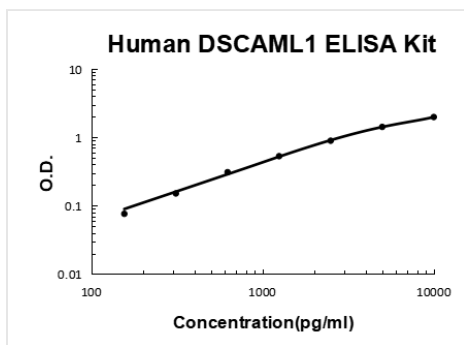
PRODUCT SYNONYMS

DSCAML1; Human DSCAML1 ELISA Kit PicoKine; DSCAML1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human DSCAML1
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	156 pg/ml - 10,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for DSCAML1 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human DSCAML1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for DSCAML1 elisa kit	Background: Down syndrome cell adhesion molecule like 1 is a protein in humans that is encoded by the DSCAML1 gene. 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. Principle of the Assay: The Picokine™ Human DSCAML1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human DSCAML1 with a 96-well strip plate that is pre-coated with antibody specific for DSCAML1. The detection antibody is a biotinylated antibody specific for DSCAML1. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human DSCAML1 protein as standards. To measure Human DSCAML1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human DSCAML1 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human DSCAML1 in the sample.
Product Categories/Family for DSCAML1 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	21359935
NCBI GeneID	57453
NCBI Accession #	NP_065744.2
NCBI GenBank Nucleotide #	NM_020693.3
UniProt Accession #	Q8TD84; Q76MU9; Q8IZY3; Q8IZY4; Q8WXU7; Q9ULT7
Molecular Weight	200,982 Da
NCBI Official Full Name	Down syndrome cell adhesion molecule-like protein 1
NCBI Official Synonym Full Names	Down syndrome cell adhesion molecule like 1
NCBI Official Symbol	DSCAML1
NCBI Official Synonym Symbols	DSCAM2
NCBI Protein Information	Down syndrome cell adhesion molecule-like protein 1
UniProt Protein Name	Down syndrome cell adhesion molecule-like protein 1
UniProt Gene Name	DSCAML1
UniProt Synonym Gene Names	DSCAM2; KIAA1132
UniProt Entry Name	DSCL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.