

Mouse Desmoglein-1-alpha ELISA Kit | Dsg1a elisa kit

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CATALOG #
AAA56448

REACTIVITY
Mouse

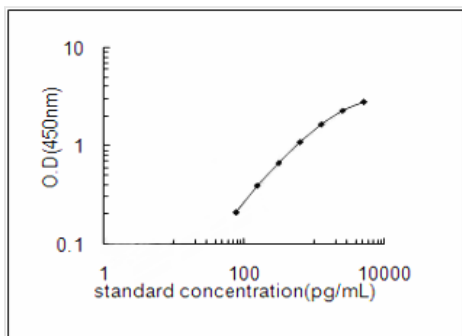
PRODUCT SYNONYMS

Desmoglein-1-alpha; Mouse Desmoglein-1-alpha ELISA Kit; Dsg1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Desmoglein-1. No significant cross-reactivity or interference was observed.
Sequence Length	1057
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.8 pg/mL
Intra-Assay CV	<=8.1%
Inter-Assay CV	<=10.5%
Recovery	91%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dsg1a elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Desmoglein-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Desmoglein-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Desmoglein-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Desmoglein-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169234958
NCBI GeneID	13510
NCBI Accession #	NP_034209.2
NCBI GenBank Nucleotide #	NM_010079.2
UniProt Accession #	Q61495; Q8CE03; A8WFQ4
Molecular Weight	114,597 Da
NCBI Official Full Name	desmoglein-1-alpha preproprotein
NCBI Official Synonym Full Names	desmoglein 1 alpha
NCBI Official Symbol	Dsg1a
NCBI Official Synonym Symbols	DG1; DGI; Dsg1; dsg1-alpha
NCBI Protein Information	desmoglein-1-alpha
UniProt Protein Name	Desmoglein-1-alpha
UniProt Gene Name	Dsg1a
UniProt Synonym Gene Names	Dsg1; Desmoglein-1; Dsg1-alpha
UniProt Entry Name	DSG1A_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/dsg1a-mouse-elisa-kits/desmoglein-1-alpha/56448>