

Mouse Desmoglein-2 ELISA Kit | Dsg2 elisa kit

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CATALOG #
AAA194127

REACTIVITY
Mouse

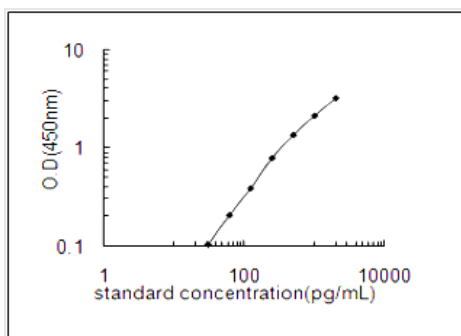
PRODUCT SYNONYMS

Desmoglein-2; Mouse Desmoglein-2 ELISA Kit; Dsg2; Dsg2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Desmoglein-2. No significant cross-reactivity or interference was observed.
Sequence Length	1122
Assay Type	Sandwich
Detection Range	31.2-2000 pg/mL
Sensitivity	15.76 pg/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.8%
Recovery	103%
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 Dsg2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Desmoglein-2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Desmoglein-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Desmoglein-2 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-2, 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-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161016843
NCBI GeneID	13511
NCBI Accession #	NP_031909.2
NCBI GenBank Nucleotide #	NM_007883.3
UniProt Accession #	O55111; Q8K069; Q8R517; A2RRJ0
Molecular Weight	122,385 Da
NCBI Official Full Name	desmoglein-2 preproprotein
NCBI Official Synonym Full Names	desmoglein 2
NCBI Official Symbol	Dsg2
NCBI Official Synonym Symbols	AA408168; D18Ertd293e
NCBI Protein Information	desmoglein-2
UniProt Protein Name	Desmoglein-2
UniProt Gene Name	Dsg2
UniProt Entry Name	DSG2_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://stage.aaabiotech.com/dsg2-mouse-elisa-kits/desmoglein-2/194127>