

Mouse DSG2 (Desmoglein-2) ELISA Kit | DSG2 elisa kit

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CATALOG #
AAA251108

REACTIVITY
Mouse

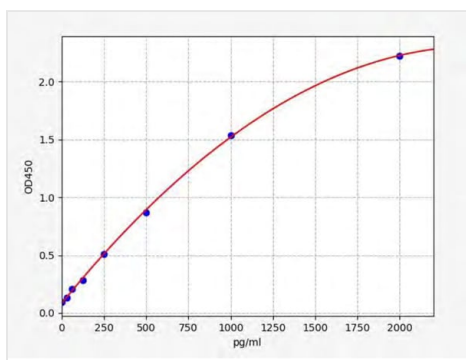
PRODUCT SYNONYMS

DSG2 (Desmoglein-2); Mouse DSG2 (Desmoglein-2) ELISA Kit; DSG2; Desmoglein-2; DSG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize DSG2, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.2-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSG2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti DSG2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti DSG2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with DSG2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of DSG2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161016843
NCBI GeneID	13511
NCBI Accession #	NP_031909.2
NCBI GenBank Nucleotide #	NM_007883.2
UniProt Accession #	O55111; Q8K069; Q8R517; A2RRJ0
NCBI Official Full Name	desmoglein-2
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.