

Goat Desmoglein 1 ELISA Kit | DSG1 elisa kit

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CATALOG #
AAA92074

REACTIVITY
Goat

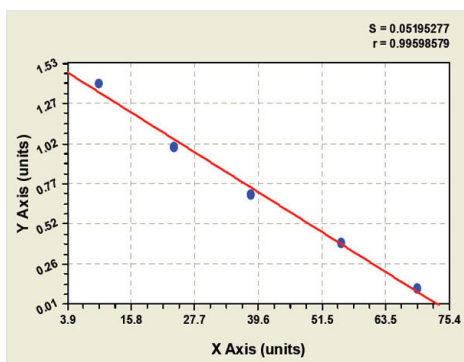
PRODUCT SYNONYMS

Desmoglein 1; Goat Desmoglein 1 ELISA Kit; DSG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This DSG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat DSG1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSG1 elisa kit

Principle of the Assay: DSG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DSG1 antibody and an DSG1-HRP conjugate. The assay sample and buffer are incubated together with DSG1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DSG1 concentration since DSG1 from samples and DSG1-HRP conjugate compete for the anti-DSG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by DSG1 from the sample, fewer sites are left to bind DSG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DSG1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DSG1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119703744
NCBI GeneID	1828
NCBI Accession #	NP_001933.2
NCBI GenBank Nucleotide #	NM_001942.2
Molecular Weight	113,748 Da
NCBI Official Full Name	desmoglein-1 preproprotein
NCBI Official Synonym Full Names	desmoglein 1
NCBI Official Symbol	DSG1
NCBI Official Synonym Symbols	DG1; DSG; CDHF4; EPKHE; PPKS1; SPPK1; EPKHIA
NCBI Protein Information	desmoglein-1; DGI; cadherin family member 4; desmosomal glycoprotein 1; pemphigus foliaceus antigen
UniProt Protein Name	Desmoglein-1
UniProt Gene Name	DSG1
UniProt Synonym Gene Names	CDHF4; DG1; DGI
UniProt Entry Name	DSG1_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.

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Online datasheet: <https://stage.aaabiotech.com/dsg1-goat-elisa-kits/desmoglein-1/92074>