

Monkey Desmoglein 1 ELISA Kit | DSG1 elisa kit

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CATALOG #
AAA90455

REACTIVITY
Monkey

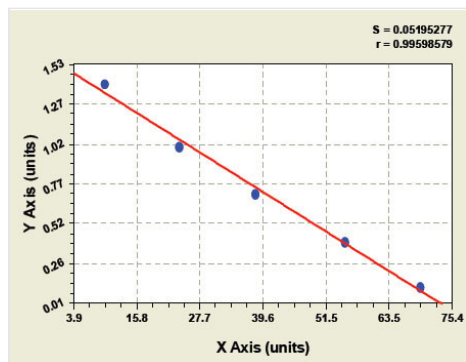
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This DSG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey 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.

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.