

Human desmogleins 1, Dsg-1 ELISA Kit | Dsg-1 elisa kit

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CATALOG #
AAA41620

REACTIVITY
Human

PRODUCT SYNONYMS

desmogleins 1; Dsg-1; Human desmogleins 1; Dsg-1 ELISA Kit; Dsg-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1054
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dsg-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Desmogleins 1 (also known as Dsg-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Dsg-1 antibody. Dsg-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Dsg-1 Antibody is added and binds to Dsg-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Dsg-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human Dsg-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50950135
NCBI GeneID	403401
NCBI Accession #	NP_001002939.1
NCBI GenBank Nucleotide #	NM_001002939.1
UniProt Accession #	Q9GKQ8
Molecular Weight	113,857 Da
NCBI Official Full Name	desmoglein-1
NCBI Official Synonym Full Names	desmoglein 1
NCBI Official Symbol	DSG1
NCBI Official Synonym Symbols	DSG-1
NCBI Protein Information	desmoglein-1
UniProt Protein Name	Desmoglein-1
UniProt Gene Name	DSG1
UniProt Synonym Gene Names	DG1; DGI

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/human-elisa-kits/desmogleins-1-dsg-1/41620>