

Human desmoglein 3 (pemphigus vulgaris antigen) ELISA Kit | DSG3 elisa kit

Human Desmoglein-3, DSG3 ELISA Kit

CATALOG #
AAA112901

REACTIVITY
Human

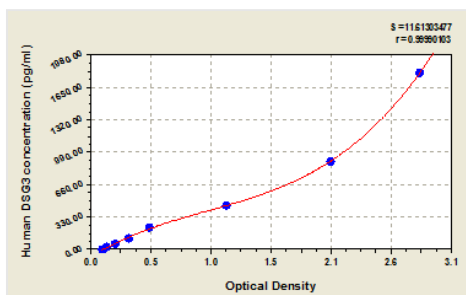
PRODUCT SYNONYMS

desmoglein 3 (pemphigus vulgaris antigen); Human Desmoglein-3; DSG3 ELISA Kit; Human Desmoglein-3 (DSG3) ELISA kit; CDHF6; DKFZp686P23184; PVA; 130-kD pemphigus vulgaris antigen; desmoglein 3; pemphigus vulgaris antigen; DSG3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human DSG3. No significant cross-reactivity or interference between Human DSG3 and analogues was observed.
Sequence Length	999
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	28 pg/ml-1800 pg/ml
Sensitivity	7 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSG3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DSG3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DSG3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DSG3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of DSG3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119964718
NCBI GeneID	1830
NCBI Accession #	NP_001935.2
NCBI GenBank Nucleotide #	NM_001944.2
UniProt Accession #	P32926; A8K2V2
Molecular Weight	107,533 Da
NCBI Official Full Name	desmoglein-3 preproprotein
NCBI Official Synonym Full Names	desmoglein 3
NCBI Official Symbol	DSG3
NCBI Official Synonym Symbols	PVA; CDHF6
NCBI Protein Information	desmoglein-3; cadherin family member 6; pemphigus vulgaris antigen; 130-kD pemphigus vulgaris antigen; 130 kDa pemphigus vulgaris antigen
UniProt Protein Name	Desmoglein-3
UniProt Gene Name	DSG3
UniProt Synonym Gene Names	CDHF6; PVA
UniProt Entry Name	DSG3_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/dsg3-human-elisa-kits/desmoglein-3-pemphigus-vulgaris-antigen/112901>