

Human Desmocollin 2 (DSC2) ELISA Kit | DSC2 elisa kit

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CATALOG #
AAA43018

REACTIVITY
Human

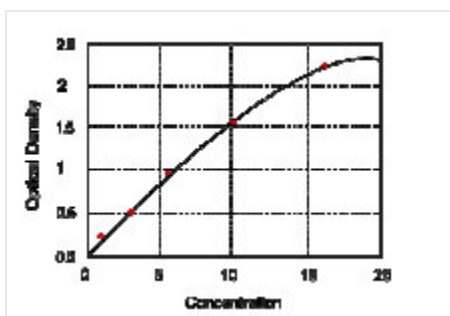
PRODUCT SYNONYMS

Desmocollin 2 (DSC2); Human Desmocollin 2 (DSC2) ELISA Kit; DSC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	901
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 4500ng/L
Sensitivity	9.91ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 DSC2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Desmocollin 2 (also known as DSC2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DSC2 antibody. DSC2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DSC2 Antibody is added and binds to DSC2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DSC2 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 DSC2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38648769
NCBI GeneID	1824
UniProt Accession #	Q02487
Molecular Weight	93,769 Da
NCBI Official Full Name	Desmocollin 2
NCBI Official Synonym Full Names	desmocollin 2
NCBI Official Symbol	DSC2
NCBI Official Synonym Symbols	DG2; DSC3; CDHF2; ARVD11; DGII/III
NCBI Protein Information	desmocollin-2
UniProt Protein Name	Desmocollin-2
UniProt Gene Name	DSC2

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/desmocollin-2-dsc2/43018>