

ARG83273 Human Desmoglein 2 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83273 Human Desmoglein 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Desmoglein 2 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Desmoglein 2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 3.9% Inter-Assay CV: 4.3%
Alternate Names	ARVD10; Desmoglein-2; ARVC10; CMD1BB; CDHF5; Cadherin family member 5; HDGC

Application Instructions

Assay Time	~ 5 hours
------------	-----------

Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

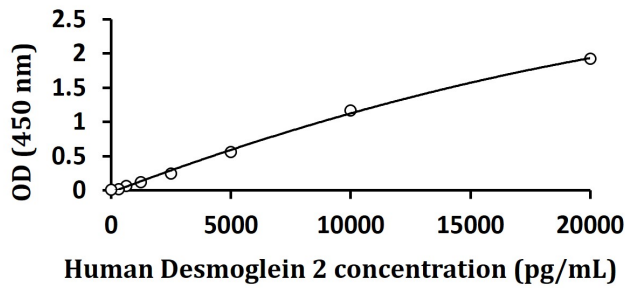
Gene Symbol	DSG2
Gene Full Name	desmoglein 2
Background	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This gene product is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10. [provided by RefSeq,

Jul 2008]

Function

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. [UniProt]

Images



ARG83273 Human Desmoglein 2 ELISA Kit standard curve image

ARG83273 Human Desmoglein 2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.