

Datasheet for ABIN5653638

Desmoglein 2 ELISA Kit



Overview

Quantity:	96 tests
Target:	Desmoglein 2 (DSG2)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

Product Details

Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of Desmoglein 2 (DSG2). No significant cross-reactivity or interference between Desmoglein 2 (DSG2) and analogues was observed.
Sensitivity:	0.054 ng/mL

Target Details

Target:	Desmoglein 2 (DSG2)
Alternative Name:	Desmoglein 2 (DSG2 Products)

Target Details

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UniProt: Q14126 Pathways: Cell-Cell Junction Organization Application Details Comment: The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less 5 % within the expiration date under appropriate storage condition. To minimize extra in on the performance, operation procedures and lab conditions, especially room temperal humidity, incubator temperature should be strictly controlled. It is also strongly suggest the whole assay is performed by the same operator from the beginning to the end. Assay Time: 3 h Plate: Pre-coated The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter p provided in this kit has been pre-coated with an antibody specific to Desmoglein 2 (DSG Standards or samples are then added to the appropriate microtiter palate wells with a bic conjugated antibody specific to Desmoglein 2 (DSG2). Next, Avidin conjugated to Horse Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate is added, only those wells that contain Desmoglein 2 (DSG2), biotin-conjugated antibody enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Desmo (DSG2) in the samples is then determined by comparing the O.D. of the samples to the standard curve. Assay Precision: Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high Index properties of the properties o		Gene Aliases: ARVC10, ARVD10, CDHF5, HDGC, Cadherin family member 5
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Restrictions: For Research Use only	Restrictions:	For Research Use only

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Handling

Handling Advice:	The Stop Solution is acidic. Do not allow to contact skin or eyes. Calibrators, controls and specimen samples should be assayed in duplicate. Once the procedure has been started, all steps should be completed without interruption.
Storage:	4 °C,-20 °C
Storage Comment:	-20°C. Bring all reagents to room temperature before beginning test. The kit may be stored at 4°C for immediate use within two days upon arrival. Reseal any unused strips with desiccant pack. Minimize freeze/thaw cycles.
Expiry Date:	4-8 months