

ARG83245 Human CDSN / Corneodesmosin ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83245 Human CDSN / Corneodesmosin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CDSN / Corneodesmosin 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	CDSN / Corneodesmosin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.7% Inter-Assay CV: 4.6%
Alternate Names	S protein; HTSS; HYPT2; S; HTSS1; PSS; PSS1; Corneodesmosin

Application Instructions

Assay Time	~ 5 hours
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Properties

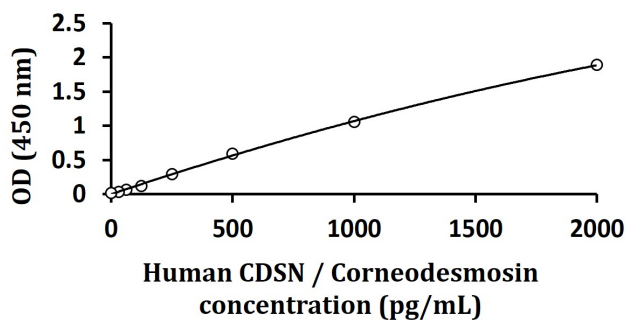
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	CDSN
Gene Full Name	corneodesmosin
Background	This gene encodes a protein found in corneodesmosomes, which localize to human epidermis and other cornified squamous epithelia. The encoded protein undergoes a series of cleavages during corneocyte maturation. This gene is highly polymorphic in human populations, and variation has been associated with skin diseases such as psoriasis, hypotrichosis and peeling skin syndrome. The gene is located in the major histocompatibility complex (MHC) class I region on chromosome 6. [provided by RefSeq, Dec 2014]

Function	Important for the epidermal barrier integrity. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG83245 Human CDSN / Corneodesmosin ELISA Kit standard curve image

ARG83245 Human CDSN / Corneodesmosin ELISA Kit results of a typical standard run with optical density reading at 450 nm.