ARG83284
Human CD89 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83284 Human CD89 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD89 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	CD89
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3 pg/ml
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.8% Inter-Assay CV: 6.6%
Alternate Names	CD89; CTB-61M7.2; FcalphaRI; CD antigen CD89; Immunoglobulin alpha Fc receptor; IgA Fc receptor

Application Instructions

Assay Time	~ 5 hours

Properties

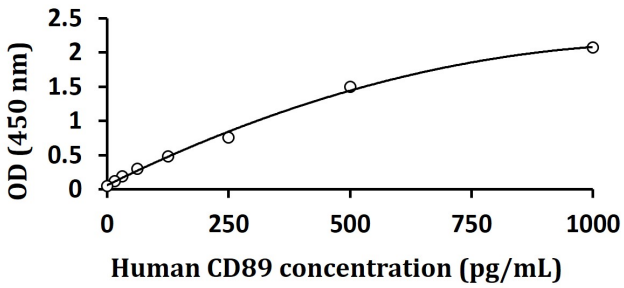
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	FCAR
Gene Full Name	Fc fragment of IgA receptor
Background	This gene is a member of the immunoglobulin gene superfamily and encodes a receptor for the Fc region of IgA. The receptor is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Function	Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production. [UniProt]
Cellular Localization	Isoform A.1: Cell membrane; Single-pass type I membrane protein. Isoform A.2: Cell membrane; Single-pass type I membrane protein. Isoform A.3: Cell membrane; Single-pass type I membrane protein. Isoform B: Secreted. Isoform B-delta-S2: Secreted. [UniProt]

Images



ARG83284 Human CD89 ELISA standard curve image

ARG83284 Human CD89 ELISA results of a typical standard run with optical density reading at 450 nm.