

ARG83305 Human CD94 / KLRD1 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83305 Human CD94 / KLRD1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD94 / KLRD1 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	CD94 / KLRD1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	25 pg/ml
Detection Range	46.9 pg/ml - 3,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 6.1% Inter-Assay CV: 4.9%
Alternate Names	KP43; CD antigen CD94; CD94; Natural killer cells antigen CD94; Killer cell lectin-like receptor subfamily D member 1; NK cell receptor

Application Instructions

Assay Time	~ 5 hours
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Properties

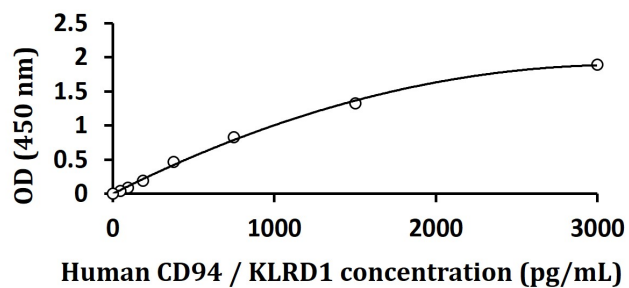
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	KLRD1
Gene Full Name	killer cell lectin-like receptor subfamily D, member 1
Background	Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2017]

Function	Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. [UniProt]
Cellular Localization	Membrane; Single-pass type II membrane protein. [UniProt]

Images



ARG83305 Human CD94 / KLRD1 ELISA Kit standard curve image

ARG83305 Human CD94 / KLRD1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
