

# **Product datasheet**

info@arigobio.com

# 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

### **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

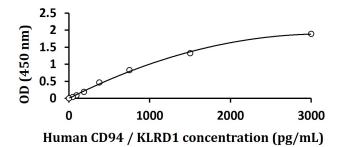
have been found for this gene. [provided by RefSeq, May 2017]

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.