ARG83235
Human CD160 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83235 Human CD160 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD160 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	CD160
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: 6.8% Inter-Assay CV: 5.5%
Alternate Names	BY55; Natural killer cell receptor BY55; NK28; NK1; CD antigen CD160; CD160 antigen

Application Instructions

Assay Time	~ 5 hours

Properties

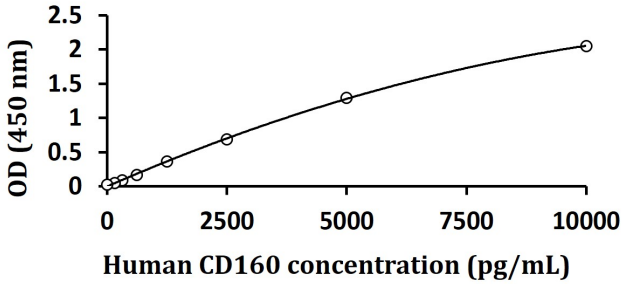
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	CD160
Gene Full Name	CD160 molecule
Background	CD160 is a cell surface glycoprotein of immunoglobulin superfamily, which functions as a costimulatory receptor expressed mainly on cytotoxic cell populations and recognizing both classical and non-classical MHC class I molecules. It can form disulfide-linked multimers. Down-modulation of CD160 occurs as a consequence of its proteolytic cleavage and the released soluble form was found to impair the MHC-class I specific cytotoxicity of CD8+ T lymphocytes and NK cells. In contrast to GPI-anchored isoform with broader expression among CD160 positive cells, expression of the transmembrane isoform is restricted to NK cells and is activation-dependent.

Function	Receptor showing broad specificity for both classical and non-classical MHC class I molecules. [UniProt]
Research Area	Immune System antibody

Images



ARG83235 Human CD160 ELISA Kit standard curve image

ARG83235 Human CD160 ELISA Kit results of a typical standard run with optical density reading at 450 nm.