

## ARG83227 Human CD272 / BTLA ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG83227 Human CD272 / BTLA ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD272 / BTLA 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	CD272 / BTLA
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	156 pg/ml - 10,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.6% Inter-Assay CV: 5.2%
Alternate Names	CD antigen CD272; BTLA1; B- and T-lymphocyte-associated protein; B- and T-lymphocyte attenuator; CD272

### 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.

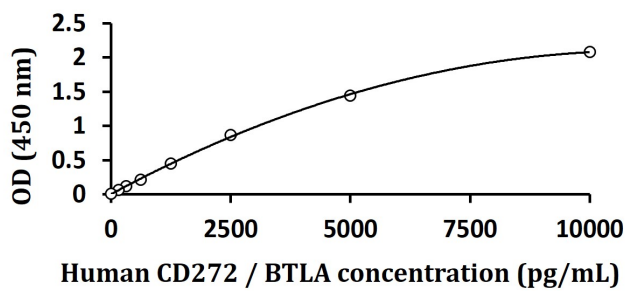
### Bioinformation

Gene Symbol	BTLA
Gene Full Name	B and T lymphocyte associated
Background	This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis. [provided by RefSeq, Aug 2011]

Function	Lymphocyte inhibitory receptor which inhibits lymphocytes during immune response. [UniProt]
Research Area	Immune System antibody
PTM	Phosphorylated on Tyr residues by TNFRSF14 and by antigen receptors cross-linking, both inducing association with PTPN6 and PTPN11. N-glycosylated.

## Images

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ARG83227 Human CD272 / BTLA ELISA Kit standard curve image

ARG83227 Human CD272 / BTLA ELISA Kit results of a typical standard run with optical density reading at 450 nm.

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