

ARG83221 Mouse CD73 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83221 Mouse CD73 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD73 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD73
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	25 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: 6.3%
Alternate Names	5'-nucleotidase; CD antigen CD73; eN; CALJA; CD73; EC 3.1.1.3.5; NT; Ecto-5'-nucleotidase; NT5; E5NT; 5'-NT; eNT; NTE

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.

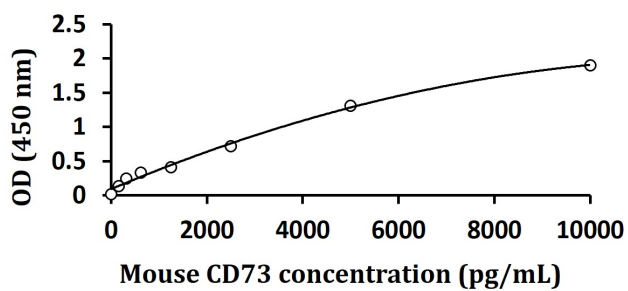
Bioinformation

Gene Symbol	NT5E
Gene Full Name	5'-nucleotidase, ecto (CD73)
Background	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]

Function Hydrolyzes extracellular nucleotides into membrane permeable nucleosides. Exhibits AMP-, NAD-, and NMN-nucleosidase activities. [UniProt]

Highlight Related products:
[CD73 antibodies](#); [CD73 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Images



ARG83221 Mouse CD73 ELISA Kit standard curve image

ARG83221 Mouse CD73 ELISA Kit results of a typical standard run with optical density reading at 450 nm.