

ARG83270 Human DPP7 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83270 Human DPP7 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human DPP7 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	DPP7
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.7% Inter-Assay CV: 4.3%
Alternate Names	DPP7; Dipeptidyl Peptidase 7; DPP2; DPPII; Quiescent Cell Proline Dipeptidase; Dipeptidyl Aminopeptidase II; Dipeptidyl Peptidase 2; DPP II; QPP; Dipeptidyl Arylamidase II; Dipeptidyl-Peptidase II; Dipeptidyl Peptidase II; Dipeptidylpeptidase 7; Carboxytripeptidase; EC 3.4.14.2

Application Instructions

Assay Time	~ 5 hours
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Properties

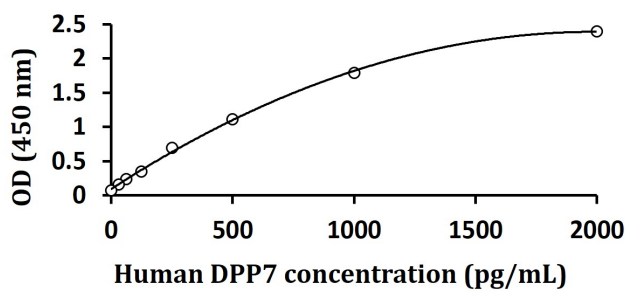
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	DPP7
Gene Full Name	Dipeptidyl Peptidase 7
Background	The protein encoded by this gene is a post-proline cleaving aminopeptidase expressed in quiescent lymphocytes. The resting lymphocytes are maintained through suppression of apoptosis, a state which is disrupted by inhibition of this novel serine protease. The enzyme has strong sequence homology with prolylcarboxypeptidase and is active at both acidic and neutral pH.

Function	Plays an important role in the degradation of some oligopeptides.
PTM	Cleavage on pair of basic residues, Glycoprotein, Zymogen
Cellular Localization	Cytoplasmic vesicle, Lysosome, Secreted

Images



ARG83270 Human DPP7 ELISA Kit standard curve image

ARG83270 Human DPP7 ELISA Kit results of a typical standard run with optical density reading at 450 nm.