

Mouse PD-L1 ELISA Kit | PD-L1 elisa kit

Mouse PD-L1 Pre-Coated ELISA Kit

CATALOG # AAA78474	REACTIVITY Mouse	APPLICATIONS ELISA
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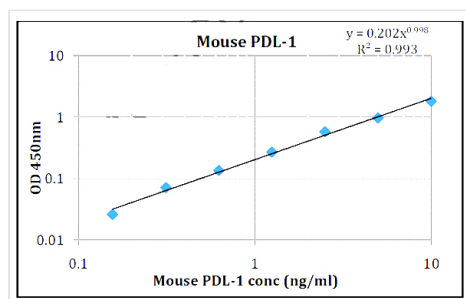
PRODUCT SYNONYMS

PD-L1; Mouse PD-L1 Pre-Coated ELISA Kit; Mouse PDL-1 (CD274) Pre-Coated ELISA Kit; PD-L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma and other biological fluids
Applicable Applications for PD-L1 elisa kit	ELISA

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PD-L1 elisa kit	Principle of the Assay: PDL1 (Programmed Death Ligand-1 or CD274) is a co-inhibitory member of the B7/CD28 family. The immunoglobulin (Ig) V-like domain of PDL1 plays an essential role in the interaction with its receptor. The receptor for PDL1 is PD1 (Programmed Death-1, CD279), which is a co-inhibitory receptor. Activation of this pathway down-regulates several T cell functions such as proliferation and production of effector cytokines (for example IL-2 and IFN-gamma). On the other hand, blockage of the PD1/PDL1 pathway results in enhanced T cell proliferative capacity which results in augmented acute GVHD (Graft-Versus-Host Disease). This pathway is emerging as a major regulator converting effector T cells into exhausted T-cells during chronic infection and inflammation. PDL1 is expressed by several cell types, including T cells. Its constitutive expression is primarily restricted to cells of myeloid-lineage such as macrophages and dendritic cells in both mice and humans. In other cell types such as lymphoid-lineage cells, endothelial and epithelial cells, PDL1 expression can be either induced or up-regulated by IFN-gamma and TNF-alpha. Naïve murine T cells constitutively express low levels of PDL1, whereas naïve human T cells do not, and both murine and human T cells express markedly increased levels of B7-H1 after activation. Activated T cells upregulated expression of PD1, and its interaction with PDL1 induces T cell anergy, exhaustion, and apoptosis.
Product Categories/Family for PD-L1 elisa kit	Kits and Reagents

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

