

## Bovine Programmed cell death 1 ligand 1 ELISA Kit | PDL1/B7-H1/CD274 elisa kit

Bovine Programmed cell death 1 ligand 1 ELISA Kit

|                              |                             |
|------------------------------|-----------------------------|
| CATALOG #<br><b>AAA95721</b> | REACTIVITY<br><b>Bovine</b> |
|------------------------------|-----------------------------|

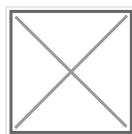
### PRODUCT SYNONYMS

Programmed cell death 1 ligand 1; Bovine Programmed cell death 1 ligand 1 ELISA Kit; PDL1/B7-H1/CD274 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                     |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Related Product Information for<br>PDL1/B7-H1/CD274 elisa kit | <p>Intended Uses: This SPD-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SPD-1. This ELISA kit for research use only!</p> <p>Principle of the Assay: SPD-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SPD-1 antibody and an SPD-1-HRP conjugate. The assay sample and buffer are incubated together with SPD-1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SPD-1 concentration since SPD-1 from samples and SPD-1-HRP conjugate compete for the anti-SPD-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SPD-1 from the sample, fewer sites are left to bind SPD-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SPD-1 concentration in each sample is interpolated from this standard curve.</p> |
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### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 7661534     |
| NCBI GeneID               | 29126       |
| NCBI Accession #          | NP_054862.1 |
| NCBI GenBank Nucleotide # | NM_014143.3 |

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| Molecular Weight                 | 20,454 Da                                                                                                |
| NCBI Official Full Name          | programmed cell death 1 ligand 1 isoform a                                                               |
| NCBI Official Synonym Full Names | CD274 molecule                                                                                           |
| NCBI Official Symbol             | CD274                                                                                                    |
| NCBI Official Synonym Symbols    | B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1                                                               |
| NCBI Protein Information         | programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1 |
| UniProt Protein Name             | Programmed cell death 1 ligand 1                                                                         |
| UniProt Gene Name                | <b>CD274</b>                                                                                             |
| UniProt Synonym Gene Names       | B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1                   |
| UniProt Entry Name               | PD1L1_HUMAN                                                                                              |

**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.

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Online datasheet: <https://stage.aaabiotech.com/pdl1-b7-h1-cd274-bovine-ovine-elisa-kits/programmed-cell-death-1-ligand-1/95721>