

Rat Soluble programmed death-L1 ELISA Kit | sPDL1 elisa kit

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CATALOG #
AAA15960

REACTIVITY
Rat

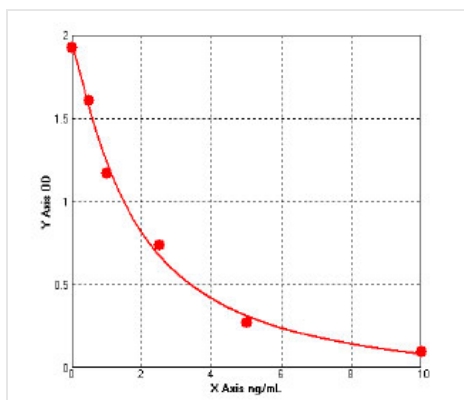
PRODUCT SYNONYMS

Soluble programmed death-L1; Rat Soluble programmed death-L1 ELISA Kit; sPDL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of sPDL1. No significant cross-reactivity or interference between sPDL1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sPDL1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sPDL1 elisa kit	Intended Uses: This sPDL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat sPDL1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: sPDL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti- sPDL1 antibody and an sPDL1-HRP conjugate. The assay sample and buffer are incubated together with sPDL1-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 sPDL1 concentration since sPDL1 from samples and sPDL1-HRP conjugate compete for the anti- sPDL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by sPDL1 from the sample, fewer sites are left to bind sPDL1HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sPDL1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for sPDL1 elisa kit	Cell Biology

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/spdl1-rat-elisa-kits/soluble-programmed-death-l1/15960>