

Human Soluble programmed death 1 ELISA Kit | sPD 1 elisa kit

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CATALOG #
AAA17171

REACTIVITY
Human

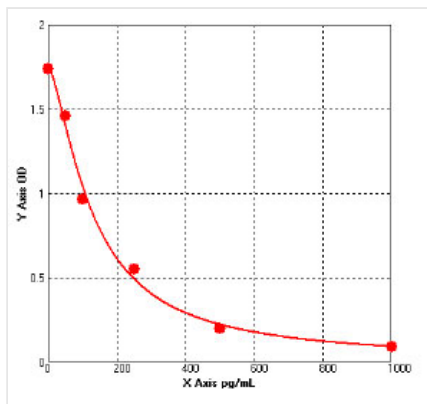
PRODUCT SYNONYMS

Soluble programmed death 1; Human Soluble programmed death 1 ELISA Kit; sPD 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of sPD-1. No significant cross-reactivity or interference between sPD-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sPD-1 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPD 1 elisa kit	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, not for therapeutic or test applications! 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.
Product Categories/Family for SPD 1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	55976933
NCBI GeneID	171683
NCBI Official Full Name	SPD-1
NCBI Official Symbol	spd-1
NCBI Protein Information	Protein SPD-1

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/spd-1-human-elisa-kits/soluble-programmed-death-1/17171>