

Mouse SPD ELISA Kit | SP-D elisa kit

Mouse SPD (Pulmonary Surfactant Associated Protein D) ELISA Kit

CATALOG #
AAA164758

REACTIVITY
Mouse

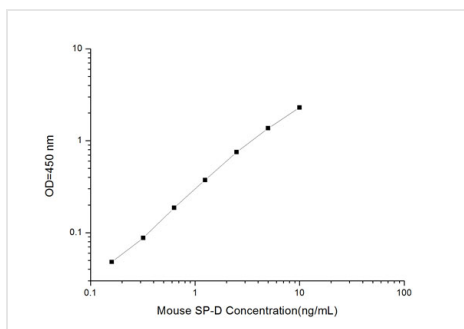
PRODUCT SYNONYMS

SPD; Mouse SPD (Pulmonary Surfactant Associated Protein D) ELISA Kit; SP-D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse SP-D. No significant cross-reactivity or interference between Mouse SP-D and analogues was observed.
Sequence Length	365
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SP-D elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse SP-D concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to SP-D. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SP-D and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SP-D, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of SP-D. You can calculate the concentration of SP-D in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	282162663
NCBI GeneID	8680170
NCBI Accession #	YP_003358133.1
NCBI GenBank Nucleotide #	NC_013667.2
Molecular Weight	40,924 Da
NCBI Official Full Name	Spd
NCBI Official Symbol	pWTY27_6
NCBI Protein Information	Spd
UniProt Protein Name	Spd
UniProt Gene Name	pWTY27_6
UniProt Entry Name	D2KKW1_9ACTO

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sp-d-mouse-elisa-kits/spd/164758>