

# Pig Pulmonary surfactant-associated protein C (SP-C) ELISA Kit



Catalog No: #EK7148

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Package Size: #EK7148-1 48T #EK7148-2 96T

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Pig Pulmonary surfactant-associated protein C (SP-C) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Pig ( <i>Sus scrofa</i> ; Porcine)
Other Names	PSP-C; SFTP2; SMDP2; SP-C; pulmonary surfactant apoprotein-2 SP-C surfactant; pulmonary-associated protein C
Accession No.	P15785
Uniprot	P15785
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

## Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200  $\mu$ L

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate SP-C in samples. An antibody specific for SP-C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySP-C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SP-C is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SP-C bound in the initial step. The color development is stopped and the intensity of the color is measured.

Note: This product is for in vitro research use only