

Porcine Desmoplakin ELISA Kit | DSP elisa kit

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CATALOG #
AAA93013

REACTIVITY
Porcine

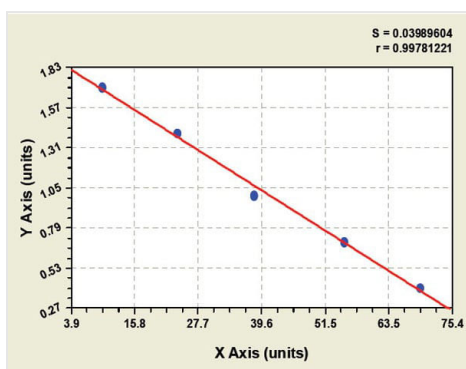
PRODUCT SYNONYMS

Desmoplakin; Porcine Desmoplakin ELISA Kit; DSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 DSP elisa kit

Intended Uses: This DSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine DSP. This ELISA kit for research use only!

Principle of the Assay: DSP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DSP antibody and an DSP-HRP conjugate. The assay sample and buffer are incubated together with DSP-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 DSP concentration since DSP from samples and DSP-HRP conjugate compete for the anti-DSP antibody binding site. Since the number of sites is limited, as more sites are occupied by DSP from the sample, fewer sites are left to bind DSP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DSP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DSP elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	32698634
NCBI GeneID	1463319
NCBI Accession #	NP_872549.1
NCBI GenBank Nucleotide #	NC_005038.1
Molecular Weight	63,196 Da
NCBI Official Full Name	desmoplakin
NCBI Official Symbol	desmoplakin
NCBI Protein Information	desmoplakin
UniProt Protein Name	Desmoplakin
UniProt Gene Name	desmoplakin
UniProt Entry Name	Q7T9S0_GVAO

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/dsp-porcine-elisa-kits/desmoplakin/93013>