

Bovine Desmoplakin ELISA Kit | DSP elisa kit

Bovine Desmoplakin ELISA Kit

CATALOG #
AAA91396

REACTIVITY
Bovine

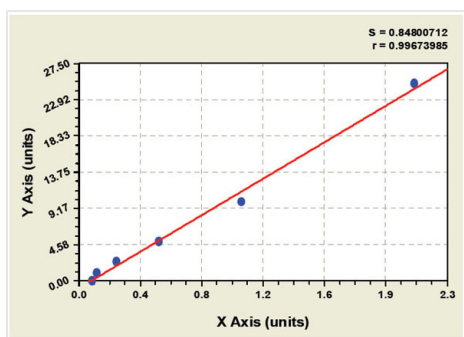
PRODUCT SYNONYMS

Desmoplakin; Bovine Desmoplakin ELISA Kit; DSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This DSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine DSP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSP elisa kit

Principle of the Assay: DSP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DSP. Standards or samples are then added to the microtiter plate wells and DSP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DSP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for DSP are added to each well to "sandwich" the DSP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DSP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dsp-bovine-ovine-elisa-kits/desmoplakin/91396>