

## Sheep Desmoplakin ELISA Kit | DSP elisa kit

Sheep Desmoplakin ELISA Kit

CATALOG #  
**AAA91173**

REACTIVITY  
**Sheep**

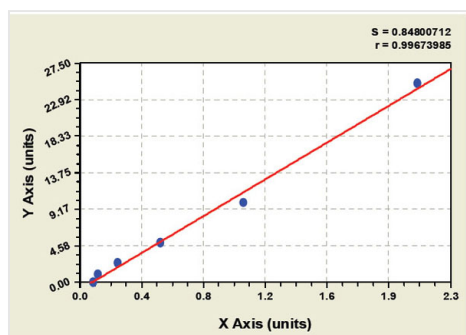
### PRODUCT SYNONYMS

Desmoplakin; Sheep Desmoplakin ELISA Kit; DSP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                |
| 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 Sheep DSP. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                  |

### IMAGES



### 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         | <b>desmoplakin</b> |
| 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-sheep-elisa-kits/desmoplakin/91173>