

## Bovine Squamous Cell Carcinoma Antigen 2 ELISA Kit | SCCA2 elisa kit

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CATALOG #  
**AAA92991**

REACTIVITY  
**Bovine**

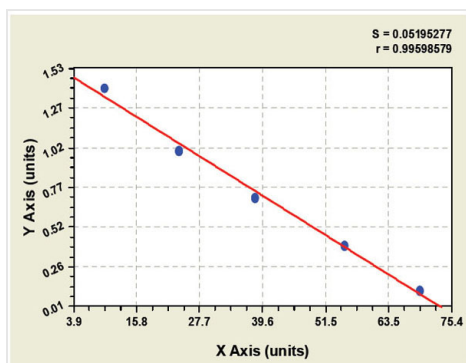
### PRODUCT SYNONYMS

Squamous Cell Carcinoma Antigen 2; Bovine Squamous Cell Carcinoma Antigen 2 ELISA Kit; SCCA2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                     |
| 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 SCCA2 elisa kit

**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

**INTENDED USE** This SCCA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine SCCA2. This ELISA kit for research use only!

**PRINCIPLE OF THE ASSAY** SCCA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCCA2 antibody and an SCCA2-HRP conjugate. The assay sample and buffer are incubated together with SCCA2-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 SCCA2 concentration since SCCA2 from samples and SCCA2-HRP conjugate compete for the anti-SCCA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SCCA2 from the sample, fewer sites are left to bind SCCA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCCA2 concentration in each sample is interpolated from this standard curve.

**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/scca2-bovine-ovine-elisa-kits/squamous-cell-carcinoma-antigen-2/92991>