Porcine Mammary carcinoma Marker/Carbohydrate antigen15-3 ELISA Kit | CA15-3 elisa kit

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CATALOG #	REACTIVITY
AAA89532	**Porcine**

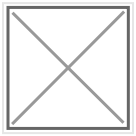
PRODUCT SYNONYMS

Mammary carcinoma Marker/Carbohydrate antigen15-3; Porcine Mammary carcinoma Marker/Carbohydrate antigen15-3 ELISA Kit; CA15-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture superna tants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 U/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CA15-3 elisa kit	**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate **INTENDED USE** This CA15-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CA15-3. This ELISA kit for research use only! **PRINCIPLE OF THE ASSAY** CA15-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CA15-3 antibody and an CA15-3-HRP conjugate. The assay sample and buffer are incubated together with CA15-3-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 CA15-3 concentration since CA15-3 from samples and CA15-3-HRP conjugate compete for the anti-CA15-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CA15-3 from the sample, fewer sites are left to bind CA15-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CA15-3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CA15-3 elisa kit	Cancer

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/ca15-3-porcine-elisa-kits/mammary-carcinoma-marker-carbohydrate-antigen15-3/89532