

Canine Small Breast Epithelial Mucin ELISA Kit | SBEM elisa kit

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CATALOG #
AAA91413

REACTIVITY
Canine

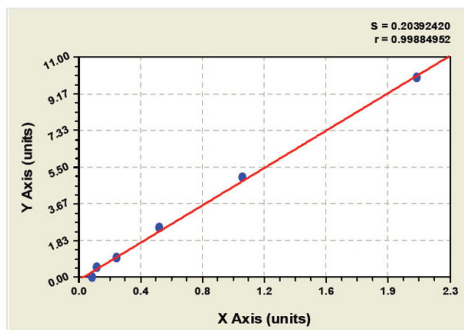
PRODUCT SYNONYMS

Small Breast Epithelial Mucin; Canine Small Breast Epithelial Mucin ELISA Kit; SBEM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SBEM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine SBEM. 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 SBEM elisa kit

Principle of the Assay: SBEM ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SBEM. Standards or samples are then added to the microtiter plate wells and SBEM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SBEM present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SBEM are added to each well to "sandwich" the SBEM 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 SBEM 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 SBEM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119617201
NCBI GeneID	118430
Molecular Weight	9,039 Da
NCBI Official Full Name	small breast epithelial mucin
NCBI Official Synonym Full Names	mucin-like 1
NCBI Official Symbol	MUCL1
NCBI Official Synonym Symbols	SBEM
NCBI Protein Information	mucin-like protein 1; small breast epithelial mucin
UniProt Protein Name	Mucin-like protein 1
UniProt Gene Name	MUCL1
UniProt Synonym Gene Names	SBEM; UNQ590/PRO1160
UniProt Entry Name	MUCL1_HUMAN

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/sbem-canine-elisa-kits/small-breast-epithelial-mucin/91413>