

Goat Small Breast Epithelial Mucin ELISA Kit | SBEM elisa kit

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CATALOG #
AAA89896

REACTIVITY
Goat

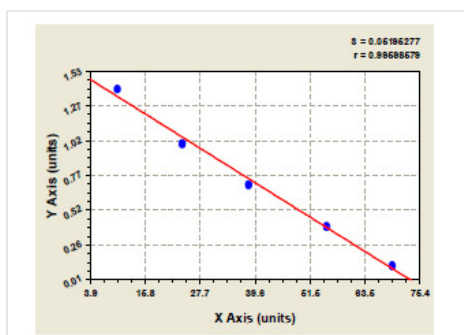
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This SBEM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-SBEM antibody and an SBEM-HRP conjugate. The assay sample and buffer are incubated together with SBEM-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 SBEM concentration since SBEM from samples and SBEM-HRP conjugate compete for the anti-SBEM antibody binding site. Since the number of sites is limited, as more sites are occupied by SBEM from the sample, fewer sites are left to bind SBEM-HRP conjugate. 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.

Product Categories/Family for SBEM elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119617201
NCBI GeneID	118430
UniProt Accession #	Q96DR8; Q0VG95; Q32ZB5
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
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-goat-elisa-kits/small-breast-epithelial-mucin/89896>