

Sheep Deleted in malignant brain tumors 1 protein (DMBT1) ELISA Kit | DMBT1 elisa kit

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CATALOG #
AAA245766

REACTIVITY
Sheep

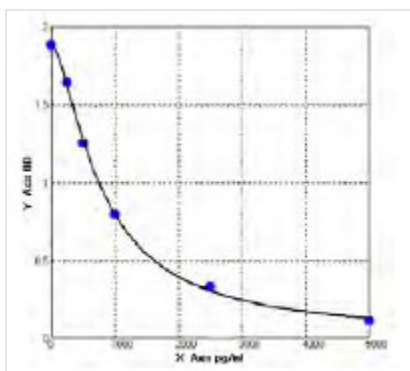
PRODUCT SYNONYMS

Deleted in malignant brain tumors 1 protein (DMBT1); Sheep Deleted in malignant brain tumors 1 protein (DMBT1) ELISA Kit; DMBT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of DMBT1. No significant cross-reactivity or interference between DMBT1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between DMBT1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DMBT1 elisa kit	Intended Uses: This DMBT1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep DMBT1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: DMBT1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-DMBT1 antibody and an DMBT1-HRP conjugate. The assay sample and buffer are incubated together with DMBT1-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 DMBT1 concentration since DMBT1 from samples and DMBT1-HRP conjugate compete for the anti-DMBT1 antibody binding site. Since the number of sites is limited, as more sites are occupied by DMBT1 from the sample, fewer sites are left to bind DMBT1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DMBT1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DMBT1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539842
NCBI GeneID	1755
NCBI Accession #	NP_015568.2
NCBI GenBank Nucleotide #	NM_007329.2
Molecular Weight	124,452 Da
NCBI Official Full Name	deleted in malignant brain tumors 1 protein isoform b
NCBI Official Synonym Full Names	deleted in malignant brain tumors 1
NCBI Official Symbol	DMBT1
NCBI Official Synonym Symbols	GP340; muclin
NCBI Protein Information	deleted in malignant brain tumors 1 protein; SAG; gp-340; hensin; glycoprotein 340; salivary agglutinin; surfactant pulmonary-associated D-binding protein
UniProt Protein Name	Deleted in malignant brain tumors 1 protein
UniProt Gene Name	DMBT1
UniProt Synonym Gene Names	GP340; Gp-340; SAG
UniProt Entry Name	DMBT1_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/sheep-elisa-kits/deleted-in-malignant-brain-tumors-1-protein-dmbt1/245766>