

Human Deleted In Malignant Brain Tumors 1 (DMBT1) ELISA Kit | DMBT1 elisa kit

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CATALOG #
AAA20343

REACTIVITY
Human

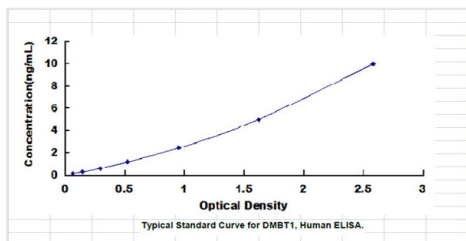
PRODUCT SYNONYMS

Deleted In Malignant Brain Tumors 1 (DMBT1); Human Deleted In Malignant Brain Tumors 1 (DMBT1) ELISA Kit; GP340; SAG; Muclin; Glycoprotein 340; Hensin; Salivary agglutinin; Surfactant pulmonary-associated D-binding protein; DMBT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	2413
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DMBT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DMBT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DMBT1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to DMBT1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to DMBT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DMBT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of DMBT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for DMBT1 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539842
NCBI GeneID	1755
NCBI Accession #	NP_015568.2
NCBI GenBank Nucleotide #	NM_007329.2
UniProt Accession #	Q9UGM3; Q59EX0; Q5JR26; A6NDG4; A6NDJ5; A8E4R5; B1ARE7; B1ARE8; B1ARE9; B1ARF0; B7Z8Y2; F8WEF7
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
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/human-elisa-kits/deleted-in-malignant-brain-tumors-1-dmbt1/20343>