

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

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CATALOG #
AAA246444

REACTIVITY
Canine

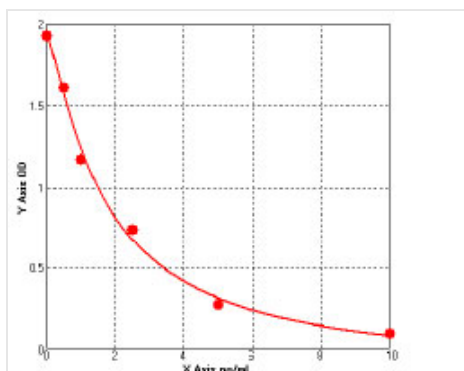
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
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 DHT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat DHT. This ELISA kit for research use only!

Principle of the Assay: DHT ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-DHT antibody and an DHT-HRP conjugate. The assay sample and buffer are incubated together with DHT-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 DHT concentration since DHT from samples and DHT-HRP conjugate compete for the anti-DHT antibody binding site. Since the number of sites is limited, as more sites are occupied by DHT from the sample, fewer sites are left to bind DHT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DHT 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/canine-elisa-kits/deleted-in-malignant-brain-tumors-1-protein-dmbt1/246444>