

Sheep Melatonin (MT) ELISA Kit | MT elisa kit

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CATALOG #
AAA122125

REACTIVITY
Sheep

PRODUCT SYNONYMS

Melatonin (MT); Sheep Melatonin (MT) ELISA Kit; MT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	60
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/L - 700ng/L
Sensitivity	1.52ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Melatonin (also known as MT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep MT antibody. MT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep MT Antibody is added and binds to MT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Sheep MT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977735
UniProt Accession #	P55945; Q6LBT7
Molecular Weight	6,030 Da
NCBI Official Full Name	Metallothionein
UniProt Protein Name	Metallothionein
UniProt Gene Name	mt
UniProt Synonym Gene Names	MT

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://www.aaabiotech.com/sheep-elisa-kits/melatonin-mt/122125>