

Rat melatonin sulfate (MS) ELISA Kit | MS elisa kit

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CATALOG #
AAA52801

REACTIVITY
Rat

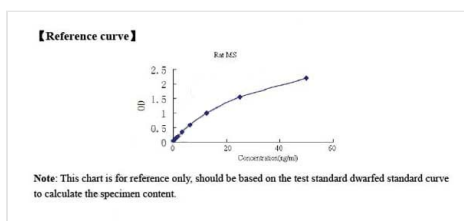
PRODUCT SYNONYMS

melatonin sulfate (MS); Rat melatonin sulfate (MS) ELISA Kit; MS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	1265
Samples	Rat serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant MS concentration
Assay Type	Sandwich
Detection Range	50 ng/ml-0.78 ng/ml
Sensitivity	0.1 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MS elisa kit

Principle of the assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat MS monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2842762
NCBI GeneID	4548

Molecular Weight	140,527 Da
NCBI Official Full Name	Methionine synthase
NCBI Official Synonym Full Names	5-methyltetrahydrofolate-homocysteine methyltransferase
NCBI Official Symbol	MTR
NCBI Official Synonym Symbols	MS; HMAG; cblG
NCBI Protein Information	methionine synthase; cobalamin-dependent methionine synthase; vitamin-B12 dependent methionine synthase; 5-methyltetrahydrofolate-homocysteine methyltransferase 1
UniProt Protein Name	Methionine synthase
UniProt Gene Name	MTR
UniProt Synonym Gene Names	MS
UniProt Entry Name	METH_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/rat-elisa-kits/melatonin-sulfate-ms/52801>