

Human MS ELISA Kit | MS elisa kit

Human MS(Melatonin Sulfate)ELISA Kit

CATALOG #
AAA163432

REACTIVITY
Human

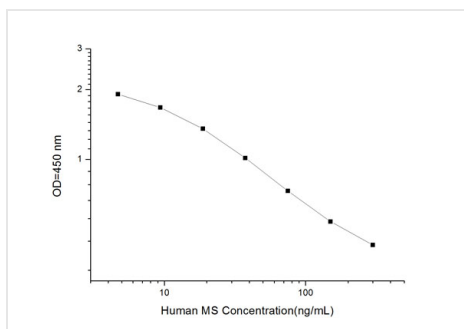
PRODUCT SYNONYMS

MS; Human MS(Melatonin Sulfate)ELISA Kit; MS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human MS. No significant cross-reactivity or interference between Human MS and analogues was observed.
Sequence Length	1265
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	4.688-300ng/mL
Sensitivity	Min: 2.813ng/mL; Max: 300ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MS elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MS concentrations in serum, plasma, urine and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with MS. During the reaction, MS in the sample or standard competes with a fixed amount of MS on the solid phase supporter for sites on the Biotinylated Detection Ab specific to MS. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MS in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71892430
NCBI GeneID	280869
NCBI Accession #	NP_001025469.1
NCBI GenBank Nucleotide #	NM_001030298.1
UniProt Accession #	Q4JIJ3
Molecular Weight	140,478 Da
NCBI Official Full Name	methionine synthase
NCBI Official Synonym Full Names	5-methyltetrahydrofolate-homocysteine methyltransferase<
NCBI Official Symbol	MTR
NCBI Protein Information	methionine synthase; 5-methyltetrahydrofolate--homocysteine methyltransferase; MS; vitamin-B12 dependent methionine synthase
UniProt Protein Name	Methionine synthase
UniProt Gene Name	MTR
UniProt Synonym Gene Names	MS
UniProt Entry Name	METH_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ms/163432>