

Human Catechol-O-Methyltransferase (COMT) ELISA Kit | COMT elisa kit

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CATALOG #
AAA43977

REACTIVITY
Human

PRODUCT SYNONYMS

Catechol-O-Methyltransferase (COMT); Human Catechol-O-Methyltransferase (COMT) ELISA Kit; COMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	27
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.095ng/ml
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 COMT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Catechol-O-Methyltransferase (also known as COMT) 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 human COMT antibody. COMT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human COMT Antibody is added and binds to COMT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated COMT 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 human COMT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	327179689
NCBI GeneID	1312
Molecular Weight	24,449 Da
NCBI Official Full Name	catechol-O-methyltransferase, partial
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	COMT
NCBI Official Synonym Symbols	HEL-S-98n
NCBI Protein Information	catechol O-methyltransferase
UniProt Protein Name	Catechol O-methyltransferase
UniProt Gene Name	COMT

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/catechol-o-methyltransferase-comt/43977>