

Human Serotonin Transporter (SERT) ELISA Kit | SERT elisa kit

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CATALOG #
AAA43902

REACTIVITY
Human

PRODUCT SYNONYMS

Serotonin Transporter (SERT); Human Serotonin Transporter (SERT) ELISA Kit; SERT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	630
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.094ng/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 SERT elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	58700442
NCBI GeneID	6532
Molecular Weight	74,979 Da
NCBI Official Full Name	serotonin transporter
NCBI Official Synonym Full Names	solute carrier family 6 member 4
NCBI Official Symbol	SLC6A4
NCBI Official Synonym Symbols	HTT; 5HTT; OCD1; SERT; 5-HTT; SERT1; hSERT; 5-HTTLPR
NCBI Protein Information	sodium-dependent serotonin transporter
UniProt Protein Name	Sodium-dependent serotonin transporter
UniProt Gene Name	SLC6A4
UniProt Synonym Gene Names	HTT; SERT; SERTBy similarityManual assertion inferred from sequence similarity toUniProtKB:P31652Å (SC6A4_RAT); 5HTT

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/serotonin-transporter-sert/43902>