

Rat Serotonin Transporter (SERT) RTU ELISA Kit | SERT rtu elisa kit

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CATALOG #
AAA218378

REACTIVITY
Rat

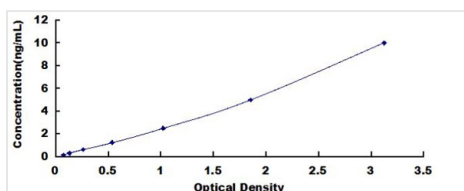
PRODUCT SYNONYMS

Serotonin Transporter (SERT); Rat Serotonin Transporter (SERT) ELISA Kit; SLC6A4; SLC6-A4; HTT; 5-HTT; 5HTT; OCD1; hSERT; Solute Carrier Family 6; Member 4; Neurotransmitter Transporter; Serotonin; Sodium-dependent serotonin transporter; SERT rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	630
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERT rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SERT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SERT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SERT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of SERT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77627875
NCBI GeneID	25553
NCBI Accession #	NP_037166.2
NCBI GenBank Nucleotide #	NM_013034.4
UniProt Accession #	P31652; P23976
Molecular Weight	70,172 Da
NCBI Official Full Name	sodium-dependent serotonin transporter
NCBI Official Synonym Full Names	solute carrier family 6 member 4
NCBI Official Symbol	Slc6a4
NCBI Official Synonym Symbols	SERT
NCBI Protein Information	sodium-dependent serotonin transporter
UniProt Protein Name	Sodium-dependent serotonin transporter
UniProt Gene Name	Slc6a4
UniProt Synonym Gene Names	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/rat-rtu-elisa-kits/serotonin-transporter-sert/218378>