

Human SERT ELISA Kit | SERT elisa kit

Human SERT (Serotonin Transporter) ELISA Kit

CATALOG #
AAA163600

REACTIVITY
Human

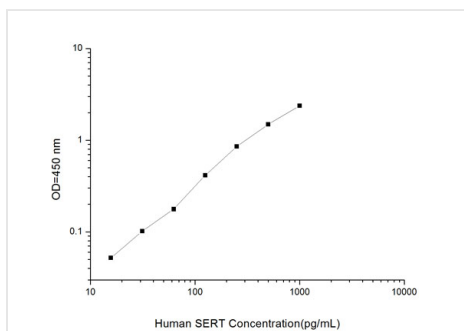
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SERT. No significant cross-reactivity or interference between Human SERT and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human SERT and all the analogues, therefore, cross reaction may still exist.
Sequence Length	630
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERT elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SERT in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SERT. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human SERT and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SERT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human SERT. You can calculate the concentration of Human SERT in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507043
NCBI GeneID	6532
NCBI Accession #	NP_001036.1
NCBI GenBank Nucleotide #	NM_001045.5
UniProt Accession #	P31645; Q5EE02; AAB26687
Molecular Weight	74,979 Da
NCBI Official Full Name	sodium-dependent serotonin transporter
NCBI Official Synonym Full Names	solute carrier family 6 (neurotransmitter transporter), 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; 5-hydroxytryptamine (serotonin) transporter; 5HT transporter; Na ⁺ /Cl ⁻ -dependent serotonin transporter; serotonin transporter 1; solute carrier family 6 (neurotransmitter transporter, serotonin), member 4
UniProt Protein Name	Sodium-dependent serotonin transporter
UniProt Gene Name	SLC6A4
UniProt Synonym Gene Names	HTT; SERT; 5HTT
UniProt Entry Name	SC6A4_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.