

Product Datasheet

Rat Serotonin Transporter (SERT) ELISA Kit (orb780175)

Catalog Number	orb780175
Category	Assays and Kits
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serotonin Transporter(SERT).
Reactivity	Rat
Concentration	2000 pg/mL
Tested applications	ELISA
Application notes	standard: 2000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat SERT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat SERT in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	31.25-2000 pg/mL

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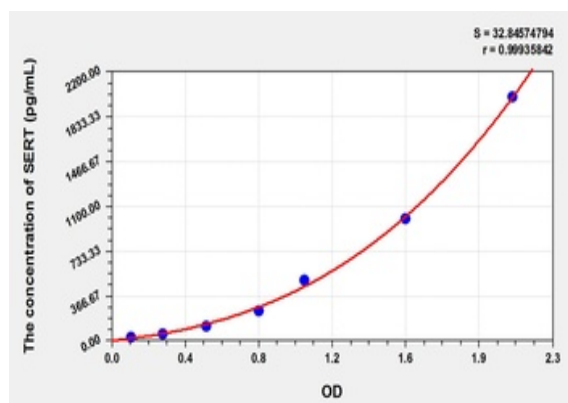
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Sensitivity	12.7 pg/mL
Sample Types	tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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