

Product Datasheet

Rat Arylalkylamine-N-Acetyltransferase (AANAT) ELISA Kit (orb1291368)

Catalog Number	orb1291368
Category	Assays and Kits
Description	Rat AANAT (Arylalkylamine-N-Acetyltransferase) ELISA Kit
Reactivity	Rat
Concentration	10 ng/mL
UniProt ID	Q64666
Tested applications	ELISA
Application notes	<p>standard: 10 ng/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 AANAT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat AANAT. 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 AANAT, 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 AANAT in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL

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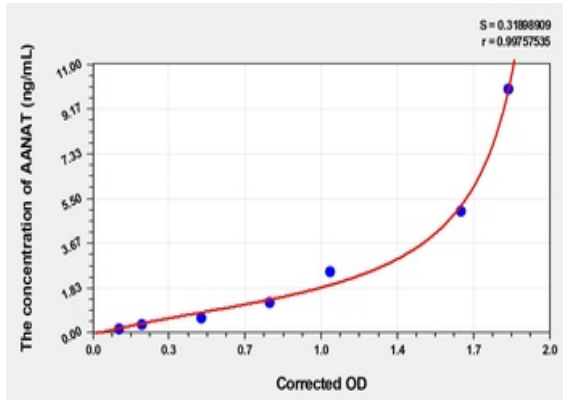
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Sensitivity	0.057 ng/mL
Sample Types	tissue homogenates, cell lysates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb1291368 ELISA kit.

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