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## Product Datasheet

### Rat Methionine Adenosyltransferase II Alpha (MAT2a) ELISA Kit BYT-ORB780917

Artikelname	Rat Methionine Adenosyltransferase II Alpha (MAT2a) ELISA Kit
Artikelnummer	BYT-ORB780917
Hersteller Artikelnummer	orb780917
Alternativnummer	BYT-ORB780917-48, BYT-ORB780917-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Methionine Adenosyltransferase II Alpha(MAT2a)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.056 ng/mL
UniProt	<a href="#">P18298</a>
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: 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 MAT2a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MAT2a. 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 MAT2a, 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 10nm. The concentration of Rat MAT2a in the samples is then determined by comparing the OD of the samples to the standard curve