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## Product Datasheet

### Mouse Cationic Amino Acid Transporter 1 (CAT1) ELISA Kit BYT-ORB780961

Artikelname	Mouse Cationic Amino Acid Transporter 1 (CAT1) ELISA Kit
Artikelnummer	BYT-ORB780961
Hersteller Artikelnummer	orb780961
Alternativnummer	BYT-ORB780961-48, BYT-ORB780961-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Mouse
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 Cationic Amino Acid Transporter 1(CAT1)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.115 ng/mL
UniProt	<a href="#">Q09143</a>
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 20 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 Mouse CAT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CAT1. 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 Mouse CAT1, 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 Mouse CAT1 in the samples is then determined by comparing the OD of the samples to the standard curve