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Product Datasheet

Rat Uncoupling Protein 1, Mitochondrial (UCP1) ELISA Kit BYT-ORB780169

Artikelname	Rat Uncoupling Protein 1, Mitochondrial (UCP1) ELISA Kit
Artikelnummer	BYT-ORB780169
Hersteller Artikelnummer	orb780169
Alternativnummer	BYT-ORB780169-48, BYT-ORB780169-96
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 Uncoupling Protein 1, Mitochondrial(UCP1)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.117 ng/mL
UniProt	P04633
Proben	tissue homogenates, cell lysates, cell culture supernates 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 Rat UCP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat UCP1. 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 UCP1, 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 UCP1 in the samples is then determined by comparing the OD of the samples to the standard curve