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Product Datasheet

Rat CalcitoninGene Related Peptide 1 (CGRP1) ELISA Kit BYT-ORB776256

Artikelname	Rat CalcitoninGene Related Peptide 1 (CGRP1) ELISA Kit
Artikelnummer	BYT-ORB776256
Hersteller Artikelnummer	orb776256
Alternativnummer	BYT-ORB776256-48, BYT-ORB776256-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Calcitonin (CT) protein....
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	4.96 pg/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 1000 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 CGRP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CGRP1. 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 CGRP1, 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 CGRP1 in the samples is then determined by comparing the OD of the samples to the standard curve