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## Product Datasheet

### Rat Carbonic Anhydrase IX (CA9) ELISA Kit BYT-ORB780020

Artikelname	Rat Carbonic Anhydrase IX (CA9) ELISA Kit
Artikelnummer	BYT-ORB780020
Hersteller Artikelnummer	orb780020
Alternativnummer	BYT-ORB780020-48, BYT-ORB780020-96
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 Carbonic Anhydrase IX(CA9)....
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	10.1 pg/mL
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 2000 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 CA9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CA9. 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 CA9, 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 CA9 in the samples is then determined by comparing the OD of the samples to the standard curve