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Product Datasheet

Rat O-6-Methylguanine DNA Methyltransferase (MGMT) ELISA Kit BYT-ORB781003

Artikelname	Rat O-6-Methylguanine DNA Methyltransferase (MGMT) ELISA Kit
Artikelnummer	BYT-ORB781003
Hersteller Artikelnummer	orb781003
Alternativnummer	BYT-ORB781003-48, BYT-ORB781003-96
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 O-6-Methylguanine DNA Methyltransferase(MGMT)....
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	27 pg/mL
UniProt	P24528
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 5000 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 MGMT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MGMT. 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 MGMT, 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 MGMT in the samples is then determined by comparing the OD of the samples to the standard curve