

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

### Rat Cyclin Dependent Kinase Inhibitor 1A (CDKN1A) ELISA Kit BYT-ORB780018

Artikelname	Rat Cyclin Dependent Kinase Inhibitor 1A (CDKN1A) ELISA Kit
Artikelnummer	BYT-ORB780018
Hersteller Artikelnummer	orb780018
Alternativnummer	BYT-ORB780018-48, BYT-ORB780018-96
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 Cyclin Dependent Kinase Inhibitor 1A(CDKN1A)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.058 ng/mL
Pubmed	<a href=https://pubmed.ncbi.nlm.nih.gov/38987448 target=_blank rel=nofollow>38987448
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10 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 CDKN1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CDKN1A. 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 CDKN1A, 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 CDKN1A in the samples is then determined by comparing the OD of the samples to the standard curve