BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

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Product Datasheet

Mouse Cyclin Dependent Kinase Inhibitor 1B (CDKN1B) ELISA Kit BYT-ORB1947204

Article Name	Mouse Cyclin Dependent Kinase Inhibitor 1B (CDKN1B) ELISA Kit
Biozol Catalog Number	BYT-ORB1947204
Supplier Catalog Number	orb1947204
Alternative Catalog Number	BYT-ORB1947204-48,BYT-ORB1947204-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Cyclin Dependent Kinase Inhibitor 1B (CDKN1B) ELISA Kit...
Range	7.82-500pg/mL
Sensitivity	4.69 pg/mL
UniProt	P46414
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	CDKN1B

Application Notes	Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse CDKN1B. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse CDKN1B and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse CDKN1B, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm 2 nm. The OD value is proportional to the concentration of Mouse CDKN1B. You can calculate the concentration of Mouse CDKN1B in the samples by comparing the OD of the samples to the standard curve