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

Rat Potassium Inwardly Rectifying Channel Subfamily J, Member 10 (KCNJ10) ELISA Kit
BYT-ORB781944

Article Name	Rat Potassium Inwardly Rectifying Channel Subfamily J, Member 10 (KCNJ10) ELISA Kit
Biozol Catalog Number	BYT-ORB781944
Supplier Catalog Number	orb781944
Alternative Catalog Number	BYT-ORB781944-48, BYT-ORB781944-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 Potassium Inwardly Rectifying Channel Subfamily J, Member 10(KCNJ10)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.6 ng/mL
UniProt	P49655
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes	Application Notes: standard: 100 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 KCNJ10. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat KCNJ10. 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 KCNJ10, 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 KCNJ10 in the samples is then determined by comparing the OD of the samples to the standard curve