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 NBC4(Electrogenic Sodium Bicarbonate Cotransporter 4) ELISA Kit EBT-ELK0800

Artikelname	Rat NBC4(Electrogenic Sodium Bicarbonate Cotransporter 4) ELISA Kit
Artikelnummer	EBT-ELK0800
Hersteller Artikelnummer	ELK0800
Alternativnummer	EBT-ELK0800-96, EBT-ELK0800-48, EBT-ELK0800-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	50 ng/mL
Detektionsbereich	0.79-50 ng/mL
Sensitivitaet	0.32 ng/mL
UniProt	Q6RI88
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 NBC4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NBC4. 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 NBC4, 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 NBC4 in the samples is then determined by comparing the OD of the samples to the standard curve