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Product Datasheet

Rat KRT18(Keratin 18) Microsample ELISA Kit BYT-ORB2998009

Artikelname	Rat KRT18(Keratin 18) Microsample ELISA Kit
Artikelnummer	BYT-ORB2998009
Hersteller Artikelnummer	orb2998009
Alternativnummer	BYT-ORB2998009-48, BYT-ORB2998009-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat KRT18(Keratin 18) Microsample ELISA Kit...
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.061 ng/mL
UniProt	Q5BJY9
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: 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 KRT18. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat KRT18. 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 KRT18, 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 KRT18 in the samples is then determined by comparing the OD of the samples to the standard curve