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## Product Datasheet

### Rat Tumor Necrosis Factor Alpha (TNF-alpha) Microsample Fast ELISA Kit BYT-ORB1806738

Artikelname	Rat Tumor Necrosis Factor Alpha (TNF-alpha) Microsample Fast ELISA Kit
Artikelnummer	BYT-ORB1806738
Hersteller Artikelnummer	orb1806738
Alternativnummer	BYT-ORB1806738-48,BYT-ORB1806738-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Tumor Necrosis Factor Alpha (TNF-alpha) Microsample Fast ELISA Kit...
Detektionsbereich	15.63-1000pg/mL
Sensitivitaet	9.38 pg/mL
UniProt	<a href="#">P16599</a>
Formulierung	Ready to use
Proben	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target-Kategorie	TNF-alpha

Anwendungsbeschreibung

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 Rat TNF-alpha. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Rat TNF-alpha. Then 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 Rat TNF-alpha, 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. The OD value is proportional to the concentration of Rat TNF-alpha. You can calculate the concentration of Rat TNF-alpha in the samples by comparing the OD of the samples to the standard curve