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Product Datasheet

Rat Macrophage Inflammatory Protein 1 Alpha (MIP-1alpha) ELISA Kit BYT-ORB1806945

Artikelname	Rat Macrophage Inflammatory Protein 1 Alpha (MIP-1alpha) ELISA Kit
Artikelnummer	BYT-ORB1806945
Hersteller Artikelnummer	orb1806945
Alternativnummer	BYT-ORB1806945-48,BYT-ORB1806945-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Macrophage Inflammatory Protein 1 Alpha (MIP-1alpha) ELISA Kit...
Detektionsbereich	31.25-2000pg/mL
Sensitivitaet	18.75 pg/mL
UniProt	P50229
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	MIP1a

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 MIP-1alpha. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat MIP-1alpha 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 Rat MIP-1alpha, 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 MIP-1alpha. You can calculate the concentration of Rat MIP-1alpha in the samples by comparing the OD of the samples to the standard curve