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Product Datasheet

Mouse Calpastatin (CAST) ELISA Kit BYT-ORB1947215

Artikelname	Mouse Calpastatin (CAST) ELISA Kit
Artikelnummer	BYT-ORB1947215
Hersteller Artikelnummer	orb1947215
Alternativnummer	BYT-ORB1947215-48,BYT-ORB1947215-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Produktbeschreibung	Mouse Calpastatin (CAST) ELISA Kit...
Detektionsbereich	0.16-10ng/mL
Sensitivitaet	0.1 ng/mL
UniProt	P51125
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	CAST

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