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Product Datasheet

Horse Cartilage Oligomeric Matrix Protein (COMP) ELISA Kit BYT-ORB2667442

Artikelname	Horse Cartilage Oligomeric Matrix Protein (COMP) ELISA Kit
Artikelnummer	BYT-ORB2667442
Hersteller Artikelnummer	orb2667442
Alternativnummer	BYT-ORB2667442-48,BYT-ORB2667442-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Equine
Produktbeschreibung	Horse Cartilage Oligomeric Matrix Protein (COMP) ELISA Kit...
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.12 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 200 ng/mL. 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 Horse COMP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse COMP. 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 Horse COMP, 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 Horse COMP in the samples is then determined by comparing the OD of the samples to the standard curve