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Product Datasheet

Mouse Collagen Type III Alpha 1 (COL3a1) ELISA Kit BYT-ORB2667509

Artikelname	Mouse Collagen Type III Alpha 1 (COL3a1) ELISA Kit
Artikelnummer	BYT-ORB2667509
Hersteller Artikelnummer	orb2667509
Alternativnummer	BYT-ORB2667509-48,BYT-ORB2667509-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Produktbeschreibung	Mouse Collagen Type III Alpha 1 (COL3a1) ELISA Kit...
Detektionsbereich	0.78-50 ng/mL
Sensitivitaet	0.16 ng/mL
UniProt	P08121
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 50 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 Mouse COL3a1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse COL3a1. 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 Mouse COL3a1, 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 Mouse COL3a1 in the samples is then determined by comparing the OD of the samples to the standard curve