

Product Datasheet

Rat COL2(Collagen Type II) Microsample ELISA Kit (orb2998752)

Catalog Number	orb2998752
Category	Assays and Kits
Description	Rat COL2(Collagen Type II) Microsample ELISA Kit
Reactivity	Rat
Application notes	<p>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 Rat COL2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat COL2. 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 Rat COL2, 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 \pm 10nm. The concentration of Rat COL2 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	3.13-200 ng/mL
Sensitivity	1.31 ng/mL
Sample Types	serum, plasma, tissue homogenates and other biological fluids
Note	For research use only

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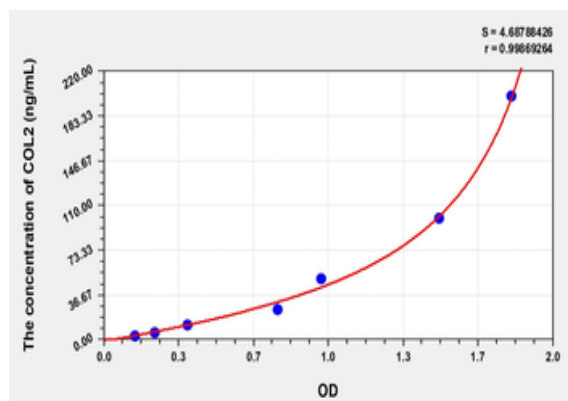
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Expiration Date 6 months from date of receipt.

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