

Product Datasheet

General Carboxymethyl Lysine (CML) ELISA Kit (orb781733)

Catalog Number	orb781733
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Carboxymethyl Lysine(CML) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Carboxymethyl Lysine(CML).
Reactivity	All
Range	78.13-5000 ng/mL
Tested Applications	ELISA
Concentration	5000 ng/mL
Note	For research use only
Application notes	standard: 5000 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with CML protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to CML. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 CML in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma and other biological fluids
Assay Time	2.5h
Sensitivity	24.7 ng/mL

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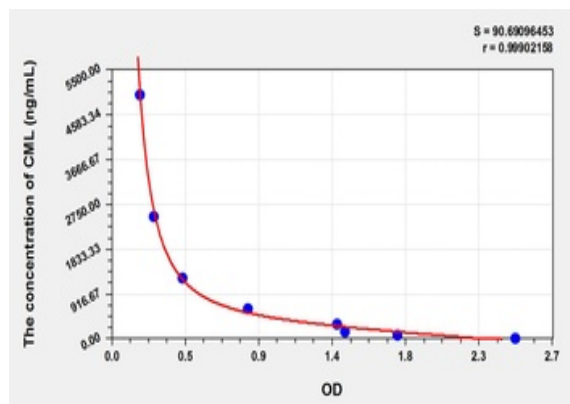
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Expiration Date

Please enquire.



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