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## Product Datasheet

### General Carboxymethyl Lysine (CML) ELISA Kit BYT-ORB1946685

Article Name	General Carboxymethyl Lysine (CML) ELISA Kit
Biozol Catalog Number	BYT-ORB1946685
Supplier Catalog Number	orb1946685
Alternative Catalog Number	BYT-ORB1946685-48,BYT-ORB1946685-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Carboxymethyl Lysine (CML) ELISA Kit...
Range	78.13-5000ng/mL
Sensitivity	25.9 ng/mL
Samples	serum, plasma and other biological fluids
Target	CML

Application Notes

Application Notes: 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). 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 10nm. The concentration of Carboxymethyl Lysine(CML) in the samples is then determined by comparing the OD of the samples to the standard curve