

Product Datasheet

Human CMA1(Chymase 1, Mast Cell) Microsample ELISA Kit (orb2998625)

Catalog Number	orb2998625
Category	Assays and Kits
Description	Human CMA1(Chymase 1, Mast Cell) Microsample ELISA Kit
Reactivity	Human
UniProt ID	P23946
Application notes	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 Human CMA1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CMA1. 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 Human CMA1, 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 Human CMA1 in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Sandwich
Assay Time	3.5h
Range	31.25-2000 pg/mL
Sensitivity	13.1 pg/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates and other biological fluids

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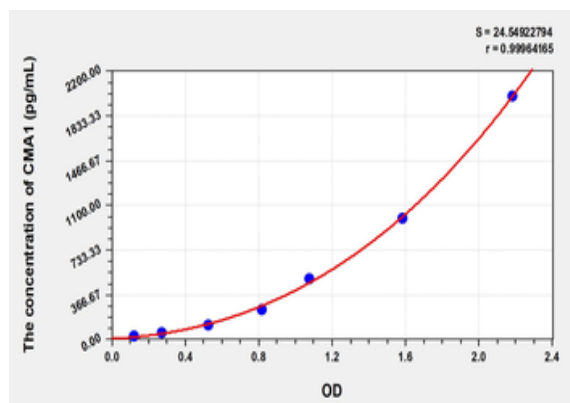
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Note

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