

Product Datasheet

Cattle Aprotinin (AP) ELISA Kit (orb779956)

Catalog Number	orb779956
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Aprotinin(AP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Aprotinin(AP).
Reactivity	Bovine
Concentration	100 ng/mL
Tested applications	ELISA
Application notes	standard: 100 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 Cattle AP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle AP. 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 Cattle AP in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2h
Range	1.57-100 ng/mL
Sensitivity	0.55 ng/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids

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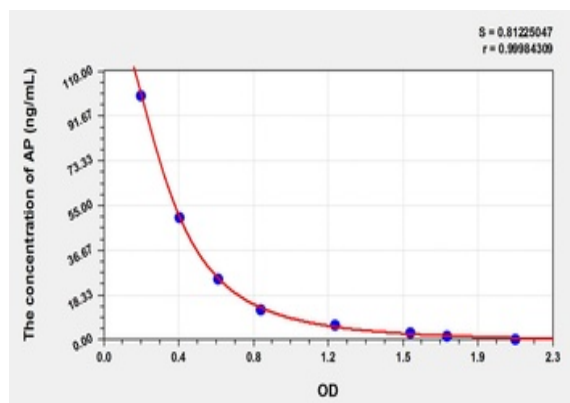
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Note

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