

Product Datasheet

Cattle Aldosterone (ALD) ELISA Kit (orb1146810)

Catalog Number	orb1146810
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 Cattle ALD protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle ALD. 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 Cattle ALD in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Bovine
Concentration	2000 pg/mL
Application notes	standard: 2000 pg/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 ALD protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle ALD. 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 Cattle ALD in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2h
Range	31.25-2000 pg/mL

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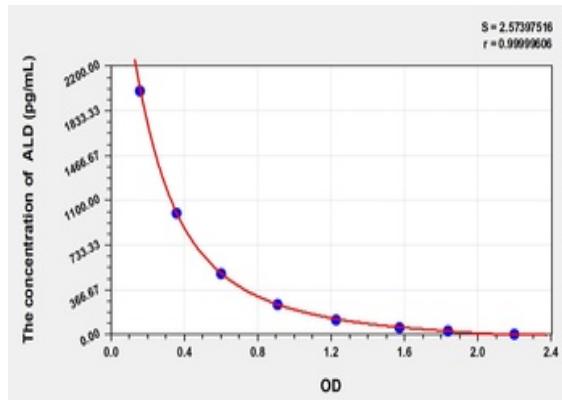
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Sensitivity 9.54 pg/mL**Sample Types** serum, plasma and other biological fluids**Note** For research use only**Biorbyt Ltd.**

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