

## Product Datasheet

### Avian Cort(Corticosterone) ELISA Kit (orb1946569)

<b>Description</b>	Avian Cort(Corticosterone) ELISA Kit
<b>Reactivity</b>	Aves
<b>Range</b>	1.57-100 ng/mL
<b>Target</b>	Cort
<b>Note</b>	For research use only
<b>Application notes</b>	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Corticosterone(Cort) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Corticosterone(Cort). 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 <math>\pm</math> 10nm. The concentration of Corticosterone(Cort) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Sample Types</b>	serum, plasma, urine and other biological fluids
<b>Sensitivity</b>	0.51 ng/mL
<b>Expiration Date</b>	Please enquire.

