

## Product Datasheet

### Dog Estrogen ELISA Kit (orb1736696)

<b>Catalog Number</b>	orb1736696
<b>Description</b>	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Dog strogen protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog strogen. 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 <math>450\text{nm} \pm 10\text{nm}</math>. The concentration of Dog strogen in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Reactivity</b>	Canine
<b>Range</b>	15.63-1000 pg/mL
<b>Concentration</b>	1000 pg/mL
<b>Note</b>	For research use only
<b>Application notes</b>	<p>standard: 1000 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 Dog strogen protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog strogen. 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 <math>450\text{nm} \pm 10\text{nm}</math>. The concentration of Dog strogen in the samples is then determined by comparing the OD of the samples to the standard curve</p>
<b>Sample Types</b>	Serum, plasma, tissue homogenates and other biological fluids
<b>Assay Time</b>	2.5h

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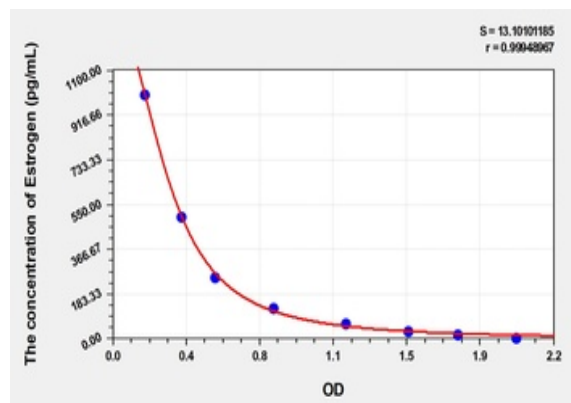
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**Sensitivity** 3.96 pg/mL

**Expiration Date** Please enquire.



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