



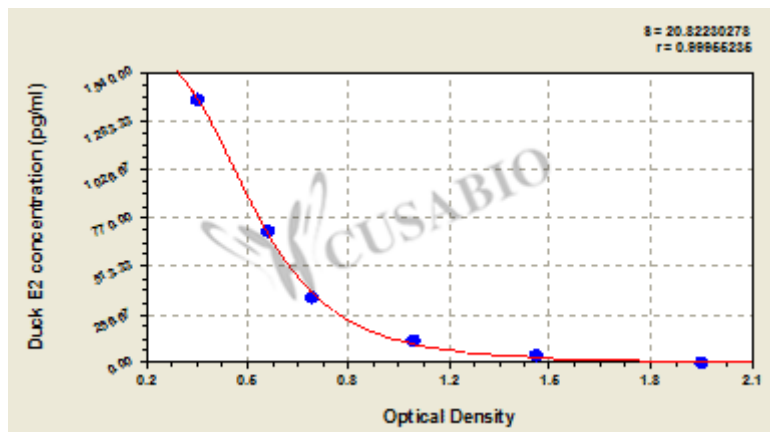
# Duck estradiol (E2) ELISA kit

Product Code	CSB-EQ027953DU																									
Abbreviation	E2																									
Protein Biological Process 1	Sex hormone																									
Product Type	ELISA Kit																									
Immunogen Species	Duck																									
Sample Types	serum, plasma																									
Assay Time	1-5h																									
Sample Volume	50-100ul																									
Detection Wavelength	450 nm																									
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.																									
Research Area	Signal Transduction																									
Product Precision	<b>Intra-assay Precision (Precision within an assay): CV%&lt;15%</b> Three samples of known concentration were tested twenty times on one plate to assess. <b>Inter-assay Precision (Precision between assays): CV%&lt;15%</b> Three samples of known concentration were tested in twenty assays to assess.																									
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of duck E2 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr><tr><td rowspan="2">1:1</td><td>Average %</td><td>91</td></tr><tr><td>Range %</td><td>86-96</td></tr><tr><td rowspan="2">1:2</td><td>Average %</td><td>95</td></tr><tr><td>Range %</td><td>89-105</td></tr><tr><td rowspan="2">1:4</td><td>Average %</td><td>95</td></tr><tr><td>Range %</td><td>92-100</td></tr><tr><td rowspan="2">1:8</td><td>Average %</td><td>94</td></tr><tr><td>Range %</td><td>83-98</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	91	Range %	86-96	1:2	Average %	95	Range %	89-105	1:4	Average %	95	Range %	92-100	1:8	Average %	94	Range %	83-98
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Recovery	The recovery of duck E2 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section. <table><tr><td>Sample Type</td><td>Average % Recovery</td><td>Range</td></tr><tr><td>Serum (n=5)</td><td>94</td><td>86-100</td></tr><tr><td>EDTA plasma (n=4)</td><td>96</td><td>90-100</td></tr></table>			Sample Type	Average % Recovery	Range	Serum (n=5)	94	86-100	EDTA plasma (n=4)	96	90-100														
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## Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	?
1400	0.359	0.361	0.360	?
700	0.578	0.582	0.580	?
350	0.716	0.721	0.719	?
120	1.035	1.039	1.037	?
40	1.418	1.428	1.423	?
0	1.934	1.952	1.943	?