



Rabbit Corticosterone, CORT ELISA Kit

Product Code	CSB-E06957Rb																									
Abbreviation	CORT																									
Product Type	ELISA Kit																									
Immunogen Species	Oryctolagus cuniculus (Rabbit)																									
Sample Types	serum, plasma																									
Detection Range	0.5 ng/mL-20 ng/mL																									
Sensitivity	0.5 ng/mL																									
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																									
Tag Info	quantitative																									
Protein Description	Competitive																									
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% 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 rabbit CORT 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>93</td></tr><tr><td>Range %</td><td>85-105</td></tr><tr><td rowspan="2">1:2</td><td>Average %</td><td>95</td></tr><tr><td>Range %</td><td>85-105</td></tr><tr><td rowspan="2">1:4</td><td>Average %</td><td>89</td></tr><tr><td>Range %</td><td>83-98</td></tr><tr><td rowspan="2">1:8</td><td>Average %</td><td>90</td></tr><tr><td>Range %</td><td>83-99</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	93	Range %	85-105	1:2	Average %	95	Range %	85-105	1:4	Average %	89	Range %	83-98	1:8	Average %	90	Range %	83-99
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Recovery	The recovery of rabbit CORT 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></table>			Sample Type	Average % Recovery	Range																				
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Serum (n=5)	97	90-110
EDTA plasma (n=4)	96	91-100