



Canine Dihydrotestosterone,DHT ELISA Kit

Product Code	CSB-E07881c																						
Abbreviation	DHT																						
Target Name	Dihydrotestosterone,DHT																						
Product Type	ELISA Kit																						
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)																						
Sample Types	serum, plasma, tissue homogenates																						
Detection Range	40 pg/mL-8000 pg/mL																						
Sensitivity	20 pg/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																						
Description	This Dog DHT ELISA Kit was designed for the quantitative measurement of Dog DHT protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 40 pg/mL-8000 pg/mL and the sensitivity is 20 pg/mL .																						
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<15%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<15%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>																						
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of canine DHT in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td>1:1</td><td>Average %</td><td>97</td></tr> <tr> <td></td><td>Range %</td><td>93-103</td></tr> <tr> <td>1:2</td><td>Average %</td><td>95</td></tr> <tr> <td></td><td>Range %</td><td>91-99</td></tr> <tr> <td>1:4</td><td>Average %</td><td>102</td></tr> <tr> <td></td><td>Range %</td><td>98-104</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	97		Range %	93-103	1:2	Average %	95		Range %	91-99	1:4	Average %	102		Range %	98-104
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1:2	Average %	95																					
	Range %	91-99																					
1:4	Average %	102																					
	Range %	98-104																					



1:8	Average %	89
	Range %	82-95

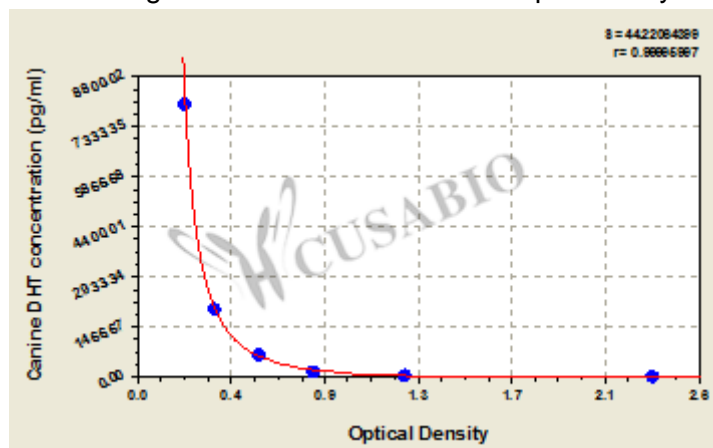
Recovery

The recovery of canine DHT 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.

Sample Type	Average % Recovery	Range
Serum (n=5)	95	90-99
EDTA plasma (n=4)	99	98-103

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
8000	0.224	0.223	0.224
2000	0.362	0.356	0.359
640	0.564	0.557	0.561
160	0.819	0.804	0.812
40	1.174	1.275	1.225
0	2.305	2.404	2.355