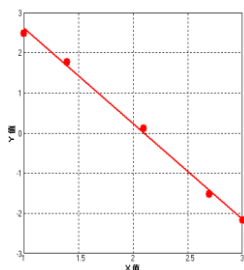


Cortisol performance overall evaluation results

Standard curve

Standard: ng/ml	OD value
0	1.56405
10	1.3485
25	1.2346
125	0.5687
500	0.1999
1000	0.13595



R2 = 0.99215

X: Standard Concentration

Y: OD values at 450 nm and 630 nm

	QL	QH
Repeatability	58.494686	824.925366
	58.971356	834.311813
	60.246722	866.344427
	71.314883	980.064866
	71.352707	998.970895
	78.536566	960.169067
	81.250484	921.743071
	68.407742	921.365323
M	68.5718933	913.4868535
S	8.20330823	61.62776368
CV	11.96%	6.75%

OD value (Blank hole)		
1.8706	1.9548	1.9782
1.8938	1.8873	1.7636
1.8444	1.7305	1.8246
1.9325	1.9267	1.8176
1.8771	1.7246	1.8137
1.7855	1.8087	1.8326
1.7498	1.6787	1.819
1.797	1.971	1.8577
M	1.839166667	
S	0.078074834	
M-2S	1.683016998	
Detection limit	0.161ng/ml	

Accuracy	Sample of base	9:1 Recovery	9.5:0.5 Recovery
Test 1	32.46212	169.125575	80.927306
Test 2	31.13021	152.05803	73.531994
Test 3	35.50181	132.618745	89.706383
Test 4	28.17004	122.686803	87.737642
Test 5	40.10549	172.959562	90.187792
Test 6	40.05846	164.106531	
Test 7	33.03764		
Test 8	23.38772		
Mean	32.9817	152.2592	84.4182
Recovery Rate	111.08%	119.28%	102.87%