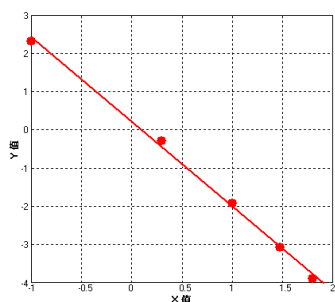


Dehydroepiandrosterone performance overall evaluation results

Standard curve

Standard: ng/ml	OD value
0	2.3925
0.1	2.17695
2	1.02275
10	0.3029
30	0.10485
62.5	0.0479

X: Standard Concentration
Y: OD values at 450 nm and 630 nm
R2 = 0.99751



	QL	QH
Repeatability	2.480956	47.487806
	2.771401	47.269667
	2.727841	56.960037
	3.024698	58.227039
	2.961531	56.75399
	2.78426	62.250893
	3.285789	67.126673
	3.131571	65.738132
	3.080708	61.284918
	3.086517	59.661938
M	2.9335272	58.2761093
S	0.2265319	6.343241904
CV	7.72%	10.88%

OD value (Blank hole)		
2.2315	2.2645	2.142
2.2373	2.2825	2.1086
2.3088	2.2735	2.1098
2.2742	2.2034	2.1623
2.2299	2.1676	2.0625
2.1923	2.1596	2.1289
2.204	2.2128	2.1006
2.1617	2.1134	2.0676
M	2.183304167	
S	0.069175287	
M-2S	2.044953592	
Detection limit	0.161ng/ml	

Accuracy	Sample of base	9:1 Recovery	9.5:0.5 Recovery
Test 1	0.21345	5.751274	3.287201
Test 2	0.21756	5.668082	3.47691
Test 3		6.708997	3.34803
Mean	0.2155	6.0428	3.3707
Recovery Rate	97.10%	93.24%	100.97%