

Supplemental Figure 1 ACTH and Cortisol Cross-Reactivities

ACTH

Compound	pg/mL Added	Percent Cross-Reactivity
<b>ACTH (1-18)</b>		
	500	Not detectable (ND)
	5,000	ND
	50,000	ND
	500,000	ND
<b>ACTH (1-24)</b>		
	500	1%
	5,000	0.5%
	50,000	0.2%
	500,000	ND
<b>ACTH (18-39)</b>		
	500	17.3%
	5,000	16.6%
<b>Alpha MSH</b>		
	500	ND
	5,000	0.1%
	50,000	ND
	500,000	ND

## Cortisol

Compound	µg/dL added	Percent Cross-Reactivity
Aldosterone	1,000	0.1%
Androstenedione	10,000	ND
Betamethasone	1,000	ND
Corticosterone	400	7.5%
Cortisone	400	1.0%
11-Deoxycorticosterone	400	ND
11-Deoxycortisol	100	1.6%
21-Deoxycortisone	500	0.2%
Dexamethasone	400	ND
DHEA-SO <sub>4</sub>	10,000	ND
Estriol	100	ND
Estrone	500	0%
Fluticasone	22	ND
17α-Hydroxyprogesterone	400	0.2%
Methotrexate	100	ND
Methylprednisolone	200	22%
	100	25%
Prednisolone	8	62%
Prednisone	16	6.1%
Pregnanediol	2,000	0%
Progesterone	400	ND
Spironolactone	1,000	ND
Tetrahydrocortisone	400	0%
Triamcinolone	5,000	0.023%
	501	ND