

ELISA FOR RESEARCH
NON-SPECIES SPECIFIC

Histamine | Lipoxin A4 | Corticosterone | Cortisol | Estradiol | Testosterone | Progesterone

Non-Species Specific Kits

Specialty Test Kits

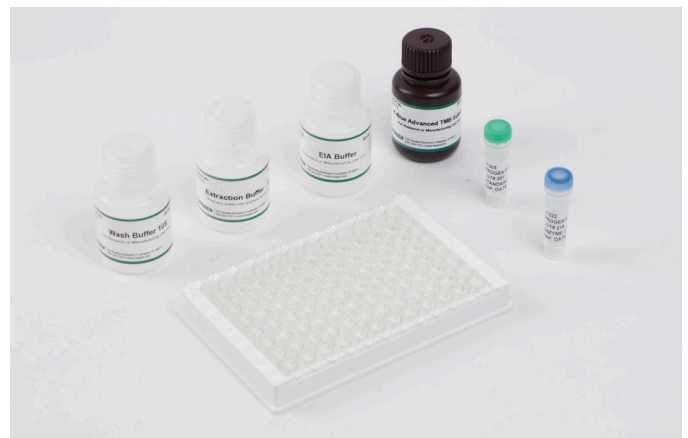
Product #	Name	Sensitivity: 80% B/Bo	Sensitivity: 50% B/Bo	Assay Range	Storage Conditions
409010	Histamine	70% B/Bo= 2.5 ng/mL	30% B/Bo= 10 ng/mL	2.5–50.0 ng/mL	4°C
407010	Lipoxin A ₄	0.04 ng/mL	0.15 ng/mL	0.02–2.0 ng/mL	-20°C for lyophilized conjugate, 4°C for all other kit components

Total assay incubation time is 1.25–1.5 hours

Hormone and Steroid Test Kits

Product #	Name	Sensitivity: 80% B/Bo	Sensitivity: 50% B/Bo	Assay Range	Storage Conditions
402810	Corticosterone	0.05 ng/mL	0.37 ng/mL	0.05–5.0 ng/mL	4°C
402710	Cortisol	0.04 ng/mL	0.2 ng/mL	0.04–10.0 ng/mL	4°C
402110	Estradiol	0.03 ng/mL	0.28 ng/mL	0.02–2.0 ng/mL	4°C
402310	Progesterone	0.35 ng/mL	2.9 ng/mL	0.4–40.0 ng/mL	4°C
402510	Testosterone	0.006 ng/mL	0.029 ng/mL	0.002–0.2 ng/mL	4°C

Total assay incubation time is 1.5 hours



Cross-Reactivity Data

Histamine

Histamine.....	100.0%
Histidine.....	<0.01%
Cadaverine.....	<0.01%
Tyramine.....	<0.01%
Spermine.....	<0.01%
Putrescine.....	<0.01%
Trimethylamine.....	<0.01%

Lipoxin A₄

Lipoxin A ₄	100.0%
15-epi-LipoxinA ₄	24.0%
5(S), 6(R)-DiHETE.....	5.0%
Lipoxin B ₄	1.0%
15-HETE.....	0.10%
5-HETE.....	<0.10%
12-HETE.....	<0.10%
Leukotriene B ₄	<0.01%
Leukotriene C ₄	<0.01%
Leukotriene D ₄	<0.01%
Leukotriene E ₄	<0.01%

Corticosterone

Corticosterone.....	100.0%
Deoxycorticosterone.....	38.0%
6-Hydroxycorticosterone.....	19.0%
Progesterone.....	5.1%
Tetrahydrocorticosterone.....	2.7%
Prednisolone.....	1.5%
Cortisol.....	1.1%
Pregnenolone.....	0.85%
11-Epicortisone.....	0.78%
Cortisone.....	0.27%
21-Desoxycortisol.....	0.24%
d-Aldosterone.....	0.13%
Testosterone.....	0.12%
17 α -Hydroxyprogesterone.....	0.12%
Prednisone.....	0.10%
Dexamethazone.....	0.03%

Corticosterone (continued)

Cholesterol.....	<0.01%
Estradiol.....	<0.01%
Estriol.....	<0.01%

Cortisol

Cortisol.....	100.0%
Prednisolone.....	47.4%
Cortisone.....	15.7%
11-Deoxycortisol.....	15.0%
Prednisone.....	7.8%
Corticosterone.....	4.8%
6 β -Hydroxycortisol.....	1.4%
17-Hydroxyprogesterone.....	1.4%
Deoxycorticosterone.....	0.94%
Progesterone.....	0.06%
Betamethasone.....	0.05%
Dehydroepiandrosterone.....	0.03%
Dexamethasone.....	0.03%
Beclomethasone.....	0.01%
d-Aldosterone.....	0.01%
Testosterone.....	0.01%
17 α -Hydroxypregnenolone.....	<0.01%
Androstenedione.....	<0.01%
Cholesterol.....	<0.01%
Estradiol.....	<0.01%
Estriol.....	<0.01%
Estrone.....	<0.01%
Pregnenolone.....	<0.01%

Estradiol

17 β -Estradiol.....	100.0%
Testosterone.....	1.0%
Estriol.....	0.41%
Estrone.....	0.10%
Dehydroepiandrosterone.....	0.03%
Aldosterone.....	<0.02%
Androstenedione.....	<0.02%
Corticosterone.....	<0.02%
Cortisol.....	<0.02%
Cortisone.....	<0.02%
Deoxycorticosterone.....	<0.02%
17-Hydroxyprogesterone.....	<0.02%
Pregnenolone.....	<0.02%
Progesterone.....	<0.02%
17 α -Ethynylestradiol.....	<0.01%
β -Estradiol 17-(β -D-glucuronide).....	<0.01%

Testosterone

Testosterone.....	100%
Dihydrotestosterone.....	100%
Testosterone Glucuronide.....	16.12%
Androstenedione.....	0.86%
Bolandiol.....	0.86%
Testosterone Enanthate.....	0.13%
Estriol.....	0.10%
Testosterone Benzoate.....	0.10%
Estradiol.....	0.05%
Dehydroepiandrosterone.....	0.04%
Testosterone Propionate.....	0.04%
Deoxycorticosterone.....	0.03%
Testosterone 17 β -Cypionate.....	0.02%
Aldosterone.....	<0.01%
Corticosterone.....	<0.01%
Cortisol.....	<0.01%
Cortisone.....	<0.01%
Estrone.....	<0.01%
17-Hydroxyprogesterone.....	<0.01%
Pregnenolone.....	<0.01%
Progesterone.....	<0.01%

Progesterone

Progesterone.....	100.0%
Deoxycorticosterone.....	2.5%
Corticosterone.....	2.0%
Pregnenolone.....	2.0%
Androstenedione.....	1.0%
17-Hydroxyprogesterone.....	0.40%
Testosterone.....	0.29%
Cortisol.....	0.20%
Cortisone.....	0.20%
Dehydroepiandrosterone.....	0.20%
Estradiol.....	0.20%
Estriol.....	0.20%
Estrone.....	0.20%

