

# ELISA FOR RESEARCH NON-SPECIES SPECIFIC

Histamine | Lipoxin A4 | 15-epi-Lipoxin A4 | Corticosterone | Cortisol | Estradiol | Testosterone | Progesterone

# Non-Species Specific Kits

## Specialty Test Kits

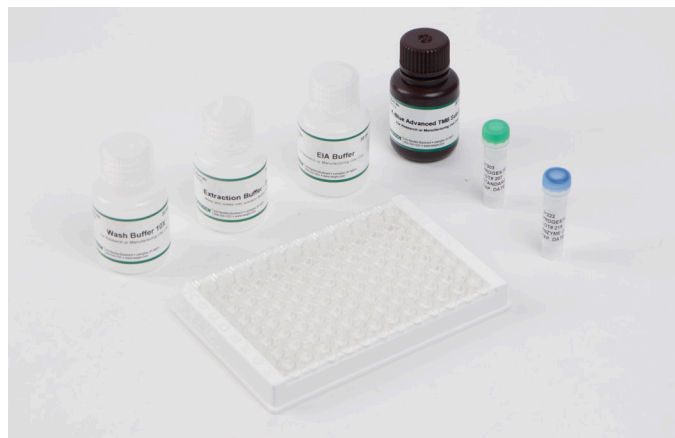
Product #	Name	Sensitivity: 80% B/Bo	Sensitivity: 50% B/Bo	Assay Range	Storage Conditions
409010	Histamine	70% B/Bo= 2.5 ng/mL	30% B/Bo= 10 ng/mL	2.5–50.0 ng/mL	4°C
407010	Lipoxin A <sub>4</sub>	0.04 ng/mL	0.15 ng/mL	0.02–2.0 ng/mL	-20°C for lyophilized conjugate, 4°C for all other kit components
407110	15-epi-Lipoxin A <sub>4</sub>	0.05 ng/mL	0.2 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 A<sub>4</sub>

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

## 15-epi-Lipoxin A<sub>4</sub>

15-epi-Lipoxin A <sub>4</sub> .....	100.0%
Lipoxin A <sub>4</sub> .....	3.0%
15(R)-HETE.....	0.8%
5(S)-HETE.....	<0.01%
12(S)-HETE.....	<0.01%
15(S)-HETE.....	<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 $\alpha$ -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 $\beta$ -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 $\alpha$ -Hydroxypregnenolone.....	<0.01%
Androstenedione.....	<0.01%
Cholesterol.....	<0.01%
Estradiol.....	<0.01%
Estriol.....	<0.01%
Estrone.....	<0.01%
Pregnenolone.....	<0.01%

## Estradiol

17 $\beta$ -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 $\alpha$ -Ethynylestradiol.....	<0.01%
$\beta$ -Estradiol 17-( $\beta$ -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 $\beta$ -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%

