

# Currently available assays and prices\*

*Effective 3/28/2008; Prices are subject to change*

## Biomarkers Core Lab – Yerkes National Primate Research Center of Emory University

							Minimum	Cost
	Assay	Reagent	Kit	Assay		Sample	Sample Vol.	per
Hormone	Method	Source	Cat.#	Sensitivity	Species	Type	Needed (µL)	Sample *
ADRENOCORTICOTROPIC HORMONE (ACTH) <sup>1</sup>	RIA	DiaSorin	24130	10 pg/ml	Monkey, human	EDTA-plasma	300	\$8.88
ALDOSTERONE	RIA	DSL/BECKMAN	8600	25 pg/ml	Rat, mouse, rabbit, human	Serum, EDTA-plasma	300	\$10.06
ALDOSTERONE	RIA	DSL/BECKMAN	8600	25 pg/ml	Human	Urine	1000	\$10.84
ANDROSTENEDIONE	RIA	DSL/BECKMAN	3800	0.1 ng/ml	Rat, Monkey, human	Serum, plasma	150	\$6.12
ANDROSTENEDIONE	EIA	Salimetrics	1-2902	10pg/ml	human	Saliva	150	\$12.13
ANGIOTENSIN II	RIA	ALPCO	001-RK-A22	2 pg/ml	Human	*** EDTA - plasma	1800	\$20.50
C-PEPTIDE of INSULIN	RIA	DSL/BECKMAN	7000	0.1 ng/ml	Monkey, human	Serum, EDTA-plasma	150	\$10.28
C-PEPTIDE of INSULIN	RIA	DSL/BECKMAN	7000	0.01ng	Monkey, human	Urine	1000	\$11.06
HCG	ELISA	DSL/BECKMAN	10-8300	3 mIU/ml	Human	Serum	60	\$9.39

C-REACTIVE PROTEIN (CRP)	EIA	ALPCO	30-9710s	1.9 ng/ml	Human, monkey	Serum, plasma, urine	100	\$12.44
CORTICOSTERONE	RIA	SIEMENS	TKRC1	10 ng/ml	Rat, mouse	Serum	150	\$11.95
CORTISOL	RIA	DSL/BECKMAN	2000	0.5 ug/dl	Monkey, human	Serum, plasma	75	\$6.41
CORTISOL	EIA	DSL/BECKMAN	10-67100	0.1 ug/dl	Monkey, human	Saliva, csf	75	\$9.54
CORTISOL (Unbound)	RIA	DSL/BECKMAN	2000	0.5 ug/dl	Monkey, human	Urine	1000	\$8.85
CREATININE	EIA	Quidel	8009	5 mmol/L	All	Urine	1000	\$8.08
DHEA	RIA	DSL/BECKMAN	8900	0.2 ng/ml	Monkey, human	Serum, EDTA-plasma	300	\$11.67
DHEA SULFATE (DHEA-S)	RIA	SIEMENS	TKDS1	2.5 ug/dl	Monkey, human	Serum, EDTA-plasma	150	\$10.22
DHEA SULFATE (DHEA-S)	LC-MS			3.7ug/dl	All	Serum, plasma	150	\$8.37
DIHYDROTESTOSTERONE (DHT)	RIA	DSL/BECKMAN	9600	25 pg/ml	Monkey, rat, dog, human	Serum, plasma	600	\$12.17
ESTRADIOL	RIA	SIEMENS	KE2D1	2.5 pg/ml	Chimp, human	Serum	600	\$8.86
ESTRADIOL	RIA	SIEMENS	KE2D1	5 pg/ml	Monkey, rat	Serum	375	\$10.71
ESTRADIOL	EIA	ALPCO	33-10230	1 pg/ml	Human	Saliva	1000	\$12.38
ESTRADIOL	RIA	DSL/BECKMAN	4800	2.5 pg/ml	Mouse	Serum, EDTA-plasma	500	\$9.51
ESTRONE	RIA	DSL/BECKMAN	8700	7.5 pg/ml	Monkey, human	Serum, EDTA-plasma	150	\$11.09
ESTRONE-3-GLUCURONIDE (E1G)	EIA	Immunometrics	IM 113	0.33nmol/L	All	Urine	1000	\$14.00

FOLLICLE-STIMULATING HORMONE (FSH)	IRMA	ALPCO	029-AH-R004	1.9 ng/ml	Rat, hamster	Serum, plasma	300	\$24.08
FOLLICLE-STIMULATING HORMONE (FSH)	IRMA	ALPCO	029-AH-C004	1 ng/ml	Dog	Serum, plasma	300	\$24.08
FOLLICLE-STIMULATING HORMONE (FSH)	RIA	NHPP	AFP-6940A	0.01 ng/tube	Monkey	Serum	300	\$4.77
GHRELIN (Acylated)	EIA	ALPCO	32-5106	1.96 pg/ml	Monkey, human	***EDTA-plasma	300	\$18.09
GLUCAGON	RIA	SIEMENS	KGND1	25pmol/L	Human	***EDTA-plasma	600	\$10.30
GLUCOSE	UV	Stanbio	1060-225	N/A	All	Serum, plasma, csf, urine	30	\$6.61
GLUTAMATE AND GABA <sup>2</sup>	LC-MS			0.1uM	All	CSF	20	\$9.84
GROWTH HORMONE	ELISA	DSL/BECKMAN	10-1900	0.15 ng/ml	Monkey, human	Serum	60	\$11.38
INHIBIN B	ELISA	DSL/BECKMAN	10-84100	10 pg/ml	Monkey, human	Serum	150	\$30.52
INSULIN	RIA	SIEMENS	TKIN1	3.8 uIU/ml	Monkey, human	Serum	600	\$7.13
INSULIN	ELISA	MERCODIA	10-1149-01	0.19 ug/L	Mouse, hamster	Serum, plasma	75	CALL
INSULIN	ELISA	MERCODIA	10-1145-01	3 ug/L	Rat	Serum, EDTA-plasma	30	CALL
INSULIN "Free"	RIA	SIEMENS	TKIN1	3.8 uIU/ml	Monkey, human	Serum	450	\$7.51
INSULIN-LIKE GROWTH FACTOR-I	ELISA	R&D	DG100	9 ng/ml	Monkey, human	Serum, EDTA-plasma	30	\$21.18
IGF-I unbound"	ELISA	DSL/BECKMAN	10-9400	0.17 ng/ml	Monkey, human	Serum, EDTA-plasma	300	\$20.81
IGF-I	RIA	DSL/BECKMAN	2900	160 ng/ml	rodent	Serum	75	\$20.80

INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN-1 (IGFBP-1)	ELISA	DSL/BECKMAN	10-7800	0.8 ng/ml	Monkey, human	Serum	75	\$20.87
INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN-3 (IGFBP-3)	ELISA	DSL/BECKMAN	10-6600	2.5 ng/ml	Monkey, human	Serum	15	\$20.90
LEPTIN	IRMA	DSL/BECKMAN	23100	0.25 ng/ml	Human	Serum, plasma	300	\$9.63
LEPTIN	EIA	ALPCO	22-LEPMS-E01	25 pg/ml	Rat, mouse	Serum	100	\$17.08
LEPTIN	RIA	LINCO	PL-84K	0.5 ng/ml	Non-human primate	Serum, plasma	300	\$7.11
LUTEINIZING HORMONE (LH)	Bioassay	NHPP	AFP-6936A	0.2 ng/ml	Monkey	Serum	100	\$12.54
LUTEINIZING HORMONE (LH)	RIA	NHPP	AFP-6936A	0.03 ng/tube	Monkey	Serum	300	\$4.77
LUTEINIZING HORMONE (LH)	IRMA	DSL/BECKMAN	4600	1.0 mIU/ml	Human, chimp	Serum, urine	300	\$11.67
LUTEINIZING HORMONE (LH)	RIA	ALPCO	029-AH-R002	0.6 ng/ml	Rat	Serum, plasma	75	\$23.95
MELATONIN	RIA	ALPCO	RK-MEL	0.5 pg/ml	All	Serum, plasma	1500	\$21.70
MELATONIN	RIA	ALPCO	RK-DSM	0.5 pg/ml	Human	Saliva	1200	\$12.53
MULLERIAN INHIBITING SUBSTANCE/ANTI-MULLERIAN HORMONE	ELISA	DSL/BECKMAN	10-14400	0.025 ng/ml	Monkey, human	Serum	60	\$27.30
6-SULFATOXYMELATONIN	ELISA	ALPCO	001-EK-M6S	0.4 ng/ml	Human	Urine	1000	\$15.94
NTx	EIA	Wampole Labs	9006	20nM BCE	Monkey, human	Urine	1000	\$26.76
NEUROPEPTIDE-Y	RIA	ALPCO	13-RB317	30.8 pmol/L		Serum,plasma	500	\$19.37

OXYTOCIN <sup>1</sup>	EIA	Assay Designs	900-153	15.6 pg/ml	All	Serum, EDTA -plasma, csf	300	\$15.85
PARATHYROID HORMONE (PTH) <sup>1</sup>	IRMA	DSL/BECKMAN	8000	10 pg/ml	Monkey, human	Serum, EDTA -plasma	600	\$15.93
PREGNANEDIOL-3a- GLUCURONIDE (PdG)	EIA	Immunometrics	IM 114	2.5 nmol/L	All	Urine	1000	\$14.00
17a-OH PROGESTERONE	RIA	DSL/BECKMAN	6800	0.10 ng/ml	Monkey, human	Serum, EDTA -plasma	150	\$9.78
PROGESTERONE	RIA	SIEMENS	TKPG1	0.1 ng/ml	Monkey, rat	Serum, plasma	375	\$10.27
PROGESTERONE	RIA	SIEMENS	TKPG1	0.1 ng/ml	Human, Dog	Serum, plasma	300	\$8.42
PROGESTERONE	EIA	Salimetrics	1-1502	10 pg/ml	Human	Saliva	1000	\$12.68
PROLACTIN	ELISA	DSL/BECKMAN	10-4500	2 ng/ml	Monkey, human	Serum	75	\$9.39
PROLACTIN	RIA	ALPCO	029-AH-R011	2 ng/ml	Rat, vole, hamster	Serum, plasma	150	\$23.73
RENIN	IRMA	DSL/BECKMAN	25100	5 pg/ml	Human	Serum, EDTA -plasma	600	\$16.08
SALIVARY SECRETORY IgA	EIA	Salimetrics	1-1602	2.5 ug/ml	Human	Saliva	1000	\$16.30
SHBG	IRMA	DSL/BECKMAN	7400	5 nmol/L	Human	Serum	15	\$16.78
SHBG	DHT Binding capacity	Tracer-Perkin Elmer	NET-453	N/A	Monkey	Serum	72	\$17.22
TESTOSTERONE "unbound"	RIA	DSL/BECKMAN	4900	0.25 pg/ml	Human	Serum	150	\$10.89
TESTOSTERONE	RIA	DSL/BECKMAN	4000	0.1 ng/ml	Monkey, rat, mouse, rabbit, dog, human	Serum, EDTA -plasma	150	\$8.11
TESTOSTERONE	RIA	DSL/BECKMAN	4100	2 pg/ml	Human (adults)	Saliva	1000	\$7.12

TESTOSTERONE	RIA	DSL/BECKMAN	4100	1 pg/ml	Human (children)	Saliva	2000	\$7.12
TESTOSTERONE	RIA	SIEMENS	TKTT1	4ng/dl	Chimp	Serum, heparinized plasma	150	\$8.70
THYROGLOBULIN (TGB)	IRMA	ALPCO	14-4D-21.1	0.3 ng/ml	Human	Serum	150	\$18.63
THYROXINE (T4)	RIA	SIEMENS	TKT41	1 nmol/L	Monkey, human	Serum, plasma	75	\$7.08
THYROXINE "unbound" (T4)	RIA	SIEMENS	TKF41	0.1 ng/dl	Monkey, human	Serum	150	\$7.38
THYROID-STIMULATING HORMONE (TSH)	IRMA	SIEMENS	IKTS1	0.15 uIU/ml	Monkey, human	Serum	600	\$9.00
TRIIODOTHYRONINE (T3)	RIA	SIEMENS	TKT31	0.31 nmol/L	Human	Serum, plasma	300	\$7.38
TRIIODOTHYRONINE "unbound" (T3)	RIA	SIEMENS	TKF31	0.5 pg/ml	Human	Serum	300	\$7.38
VASOPRESSIN (ARGININE) <sup>1</sup>	EIA	Assay Designs	900-017	4.1 pg/ml	All	Serum, EDTA-plasma	300	\$15.85

\* This price schedule is available for clients at educational institutions. Prices for non-academic, non-profits will include additional 44% facility fees for institutional overhead. For profits will be charged a surcharge of 76% to cover facility fees. These assay costs are based on a sufficient number of samples to utilize reagents. Requests representing 25 or fewer unknowns or "stat" may require special pricing. Please call the Lab for details if you have questions.

\*\*Other species may be available; call the Lab for information.

\*\*\*Specimen collection for this assay requires special handling. Please call Lab for details prior to collection.

<sup>1</sup>This hormone is sensitive to degradation once the sample is obtained - DO NOT thaw and re-freeze the specimen.

<sup>2</sup>Glutamate and GABA assay is performed in a single LC-MS analysis and both values are obtained for all samples.

## Other information:

- Customized LC-MS services are also available for other small molecules not listed above. Please contact the Lab for details.
- Other immunoassays may be available. If you do not see the ligand you are interested in measuring, call the Lab for information.
- If a new assay must be validated, the investigator will pay the reagent and technical costs.
- Investigators will not be charged a re-run fee if samples must be re-assayed because of a problem with the original assay.
- Investigators will be assessed a fee to sort samples which arrive in the lab in an unorganized manner (\$38 per hour).
- Investigators need to complete the “Assay Request Form” obtained through the “Place an Order” link. For out of town shipments, an express mail account number must be provided so the samples can be returned when the assays are completed. Samples will be returned after 4 weeks once the assays are completed.
- In general, all samples sent to the lab should be free of hemolysis and should be non-lipemic as these two conditions may produce inaccurate estimates of the hormone assayed.
- The specimen collection for plasma may vary depending on kit manufacturer's recommendations, and the use of heparinized, ACD, or EDTA-plasma may significantly affect the assay results. Please call the lab for details on a particular assay.
- For budgeting purposes, investigators should anticipate that prices will increase, on the average, 3% annually.

### *For information, contact:*

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