

TEST	UNITS	ABN	RESULTS	REFERENCE RANGE
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Estrone (E1)	µg/24hrs		4.5	3 - 12 µg/24hrs
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2-Hydroxyestrone	µg/24hrs		7.1	--
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16-a-Hydroxyestrone	µg/24hrs		NONE DETECTED	--
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20H/16OH Estrone ratio			Undefined	--
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Division by zero. Ratios are likely to be significant only in pre-menopausal or post-menopausal women on HRT who also have levels of E1 that are significantly higher than 5 µg/24hrs. With this in mind, it is generally thought that the ratio of 20HE1 to 16aOHE1 should be greater than 1 and preferably greater than 2. Post-menopausal women not on HRT generally do not have levels of E1 high enough to produce significant quantities of the hydroxylated metabolites. Also ratios of numbers where the denominator is small may result in misleading interpretations of these ratios.

4-Hydroxyestrone	µg/24hrs		1.1	--
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4-OHE1 is a free radical generator and highly estrogenic. As with the other hydroxylated E1 metabolites, levels of 4-OHE1 are likely to be significant only in pre-menopausal or post-menopausal women on HRT who also have levels of E1 greater than approximately 5 µg/24hrs.

Estradiol (E2)	µg/24hrs		2.1	0 - 7 µg/24hrs
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Estrinol (E3)	µg/24hrs		2.6	1 - 16 µg/24hrs
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Total Estrogens	µg/24hrs		9.1	4 - 22 µg/24hrs
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Testosterone	µg/24hrs	HIGH	132	45 - 85 µg/24hrs
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Dihydrotestosterone (DHT)	µg/24hrs		11	0 - 13 µg/24hrs
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Androstenediol	µg/24hrs		158	48 - 578 µg/24hrs
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Androstenedione	µg/24hrs	HIGH	344	0 - 50 µg/24hrs
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DHEA	µg/24hrs	HIGH	2954	5 - 1476 µg/24hrs
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Androstenediol (5-AT)	µg/24hrs		595	42 - 710 µg/24hrs
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Androstosterone (AN)	µg/24hrs	HIGH	7528	798 - 4705 µg/24hrs
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1β-OH-Androstosterone (OHAN)	µg/24hrs		1086	461 - 1692 µg/24hrs
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Etiocholanolone (ET)	µg/24hrs	HIGH	6088	689 - 3252 µg/24hrs
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11β-OH-Etiocholanolone (OHE1)	µg/24hrs	LOW	108	134 - 1186 µg/24hrs
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Progesterone

E is normally not detectable in urine (<<1 µg/24hrs). The level of its major metabolite, 16α, preganediol, reflects progesterone homeostasis.

Preganediol (PD)	µg/24hrs		474	32 - 501 µg/24hrs
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5-Pregnenetriol (5-PT)	µg/24hrs		507	28 - 1062 µg/24hrs
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Cortisone (E)	µg/24hrs	HIGH	429	92 - 366 µg/24hrs
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THE	µg/24hrs	HIGH	7452	1365 - 5788 µg/24hrs
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THB	µg/24hrs	HIGH	262	32 - 238 µg/24hrs
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5a-THB	µg/24hrs		516	135 - 588 µg/24hrs
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THA	µg/24hrs	HIGH	321	52 - 277 µg/24hrs
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Cortisol (F)	µg/24hrs	HIGH	241	35 - 168 µg/24hrs
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THE	µg/24hrs	HIGH	4049	942 - 2800 µg/24hrs
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5a-THF	µg/24hrs		1442	796 - 2456 µg/24hrs
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