



Age dependent reference intervals for plasma steroids measured via LC-MS/MS were established at the Hospital for Sick Children (Kyriakopoulou et al. 2013)

17-Hydroxyprogesterone.....	1
Androstenedione	2
Random Cortisol	1
11-Deoxycortisol	2

17-Hydroxyprogesterone

17-Hydroxyprogesterone reference intervals (nmol/L)

Age (years)	Sex	Interval
0-13 days	unspecified	0.0-4.8
14 to 365 days	unspecified	0.1-3.4
1 to 11	unspecified	0.1-1.1
12 to 13	unspecified	0.0-2.0
14 to 15	unspecified	0.0-4.2
16 to 18	unspecified	0.0-3.9
19 to 30	male	1.0-9.3
31 to 40	male	1.3-5.9
41 to 50	male	1.0-5.9
51 to 60	male	1.1-3.9
Follicular	female	<5.6
Midcycle	female	<6.8
Luteal	female	<8.6
Post Menopausal	female	<1.4

Random Cortisol

Random Cortisol reference intervals (nmol/L)

Age (years)	Sex	Interval
0 to 24 months	unspecified	5.1-529
2 to 6	unspecified	32-269
7 to 14	unspecified	52-358
15 to 18	unspecified	81-510

**Androstenedione**

Androstenedione reference intervals (nmol/L)

Age (years)	Sex	Interval
0-13 days	unspecified	0.0-2.5
14 to 365 days	unspecified	0.1-2.1
1 to 5	unspecified	0.1-0.6
6 to 9	unspecified	0.2-0.9
10 to 11	unspecified	0.0-2.5
12 to 14	male	0.5-2.0
15 to 18	male	0.9-3.6
19 to 30	male	1.8-7.7
31 to 50	male	1.4-6.6
51 to 89	male	1.8-7.7
12 to 14	female	0.7-6.0
15 to 18	female	0.5-6.5
Follicular	female	1.2-8.7
Midcycle	female	2.1-10.0
Luteal	female	1.1-8.2
Post Menopausal	female	0.7-2.6

11-Deoxycortisol

11-Deoxycortisol reference intervals (nmol/L)

Age (years)	Sex	Interval
0 to 12 months	unspecified	0.0-5.3
13 to 24 months	unspecified	0.1-0.9
2 to 6	unspecified	0.1-1.1
7 to 18	unspecified	0.1-2.3
19 to 29	male	<3.4
30 to 39	male	<3.9
40 to 49	male	<2.2
50 to 89	male	<1.2
19 to 29	female	<3.1
30 to 39	female	<1.5
40 to 49	female	<1.8
50 to 89	female	<1.1