

	Oestradiol (pmol/L)	Reference
Male		
0 to 30days	<200	1
1 month to <11 years	<100	2
11 years and older	<200	3
Female		
0 to 30days	<250	1
1 month to <4y	<80	2
4y to <11y	<170	2
11 to <16y	Prepubertal: < 170 Postpubertal: Follicular phase: 100 - 570 Ovulation phase: 175 - 1150 Luteal phase: 120 - 1100	2 + 3
16y and older	Follicular phase: 100 - 570 Ovulation phase: 170 - 1150 Luteal phase: 120 - 1100 Postmenopause: < 180 Pregnancy (1 st trimester): 560 - 11250 Pregnancy (2 nd trimester): 5730 - 69550 Pregnancy (3 rd trimester): 36800 - >110000	3

(Reference 2 – RI values include below detection limit values)

References

1. Pediatric Reference Intervals 6th edition. Soldin et al 2007.
2. Clinical Biochemistry 45 (2012) 1026 – 1212. Reference intervals for reproductive hormones in prepubertal children on the automated Roche Cobas e411 analyzer.
3. Roche supplementary communication.