

EXTRA INFO CL Estradiol

Extended Reference values for 0029121 CL AIA-PACK Estradiol.

Material and Methods

The intervals for males given here were determined in serum samples from 105 apparently healthy Asian individuals.

Expected E2 concentrations for females during each phase and during pregnancy were determined in serum samples from 214 apparently healthy American and Latin-American females.

Each laboratory should determine a reference interval which corresponds to the characteristics of the population being tested. As with all diagnostic procedures, clinical results must be interpreted with regard to concomitant medications administered to the patient.

Results

Reference Interval Expected E2 concentration	(n)	(pg/mL)
Males	105	<11.5 – 48.0
Females		
Follicular phase	29	15.6 – 186.4
Ovulation phase	25	20.9 – 267.7
Luteal phase	26	14.6 – 512.6
Postmenopausal females	37	<11.5 – 47.3
Pregnant Females		
First trimester	16	448 – 3,028
Second trimester	67	707 – 26,743
Third trimester	14	9,500 – 40,542

Conversion Factors

E2 concentrations in this application are in units of pg/mL. The obtained values in pg/mL must be multiplied by 3.67 when converting to values in pmol/L.