

## Estradiol, Total - Serum

Order Name: **ESTRADIOL**  
Test Number: 2006475  
Revision Date: 05/20/2021

TEST NAME	METHODOLOGY	LOINC CODE
Estradiol, Total - Serum	Chemiluminescence Assay	2243-4

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5)	Serum	Clot Activator SST	Refrigerated
Alternate 1	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated

**Instructions**

**Specify age and sex on requisition.**  
Separate Serum/Plasma from cells/gel if testing delayed >24hrs  
Stability: Ambient N/A. Refrigerated 7 days. Frozen > 7 days.

**Note:** The lower limit of quantitation for this assay is 24 pg/mL, therefore it may not be suitable for males and prepubertal females.  
**Patients treated with Mifepristone should not be tested with this assay for up to two weeks following the patient's last dose.**  
**This test is NOT Recommended for Children 12 years and under.**  
Use **Estradiol, Serum Ultrasensitive** [Test Number: **3600375** ] for children 12 years and under.  
**Collection requirements for Estradiol, Serum Ultrasensitive is Serum from a Red No-Gel.**

### GENERAL INFORMATION

Testing Schedule	Mon-Fri
Expected TAT	1-3 days
Clinical Use	Useful for evaluation of hypogonadism in the female, evaluation of estrogen producing tumors and feminization in males and in assessing ovarian status in "in vitro" fertilization patients.
CPT Code(s)	82670
Lab Section	Chemistry