

Authorizing Provider:

BioHealth Laboratory
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Accession Number: T044402

Patient: Rebecca Stein

Age: 48 Sex: Female

Date Collected: 12/04/2016

Date Received: 12/06/2016

Report Date: 12/05/2016

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Estradiol / Testosterone (#260) - 260

Parameter	Result	Reference Range	Units
Estradiol	0.9		pg/mL
FEMALE:			
Follicular Phase.....	1.0 - 5.0	PG/ML	
Midcycle.....	3.0 - 8.0	PG/ML	
Luteal Phase.....	1.0 - 5.0	PG/ML	
Postmenopausal	0.5 - 3.0	PG/ML	
Physiological Range.....	4.0 - 14.0	PG/ML	
Testosterone (A.M.)	34.66	20.0 - 60.0	pg/mL

Estradiol is the primary estrogen produced in the ovaries and released by the egg follicles; thus triggering the reproductive cycle. Being an important modulator of hormone activity in both men and women, it has numerous clinical applications: fertility, obesity, sleep disorders, and sexual dysfunction.

In men, testosterone affects sexual features and development. It is essential for normal sexual behavior, sex drive, healthy erections, and sperm production. Women rely on testosterone to maintain libido, bone density, and muscle mass throughout their lives. In both sexes, it affects many metabolic activities: production of blood cells in bone marrow, lipid metabolism, carbohydrate metabolism, and liver function.

For interpretive guidance and clinical training, please consult biohealthlab.com and search under the "Clinical Resources" area.

****For Research Purposes Only****