

Estrogen Metabolism Assessment (Urine)



63 Zillico Street
Asheville, NC 28801
© Genova Diagnostics

Patient: **SAMPLE
PATIENT**

DOB:

Sex:

MRN:

Methodology: LC-MS/MS; Results normalized to creatinine

Estrogens

Estrogens

Reference Range

16 α -Hydroxyestrone (16 α -OH E1)*	2.2	0.5-8.9 mcg/g Creat.
---	-----	----------------------

*Premenopause (luteal) reference range shown

Reference Ranges	
Premenopause	0.5-8.9 mcg/g Creat.
Menopause	0.4-7.7 mcg/g Creat.
Male	<=2.0 mcg/g Creat.

2-Hydroxyestrone + 2-Hydroxyestradiol [2-OH(E1+E2)] *	0.4	1.3-36.3 mcg/g Creat.
---	-----	-----------------------

* Premenopause (luteal) reference range shown

Reference Ranges	
Premenopause	1.3-36.3 mcg/g Creat.
Menopause	0.9-43.8 mcg/g Creat.
Male	0.7-12.5 mcg/g Creat.

2-OH(E1+E2) / 16 α -OHE1*	0.2	0.3-13.7
----------------------------------	-----	----------

* Premenopause (luteal) reference range shown

Reference Ranges	
Premenopause	0.3-13.7
Menopause	0.3-15.1
Male	0.8-12.9

Creatinine	56.00	27.00-248.00 mg/dL
------------	-------	--------------------

Lab Comments

The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with ♦, the assay has not been cleared by the U.S. Food and Drug Administration.

Please note analysis of estrogens and estrogen metabolites is now performed using LC/MS/MS. The reference ranges for these biomarkers have been updated.