

Patient: **SAMPLE PATIENT**

DOB:

Sex:

MRN:

4000 Hormonal Health - Serum

Methodology: EIA, Chemiluminescent, RIA and Immunoassay (IA)

Progesterone

Hormone	Reference Range	Reference Range
Progesterone	2.94	0.30-1.13 ng/mL

Binding Proteins

Hormone	Reference Range	Reference Range
Sex Hormone Binding Globulin	40	18-144 nmol/L

Estrogens

Hormone	Reference Range	Reference Range
Estrone Sulfate (E1S)	3.47	0.56-2.67 ng/mL
Estrone (E1)	123	31-145 pg/mL
Estradiol (E2)	83	25-115 pg/mL
Estriol (E3)	<80	<= 80 pg/mL

Androgens

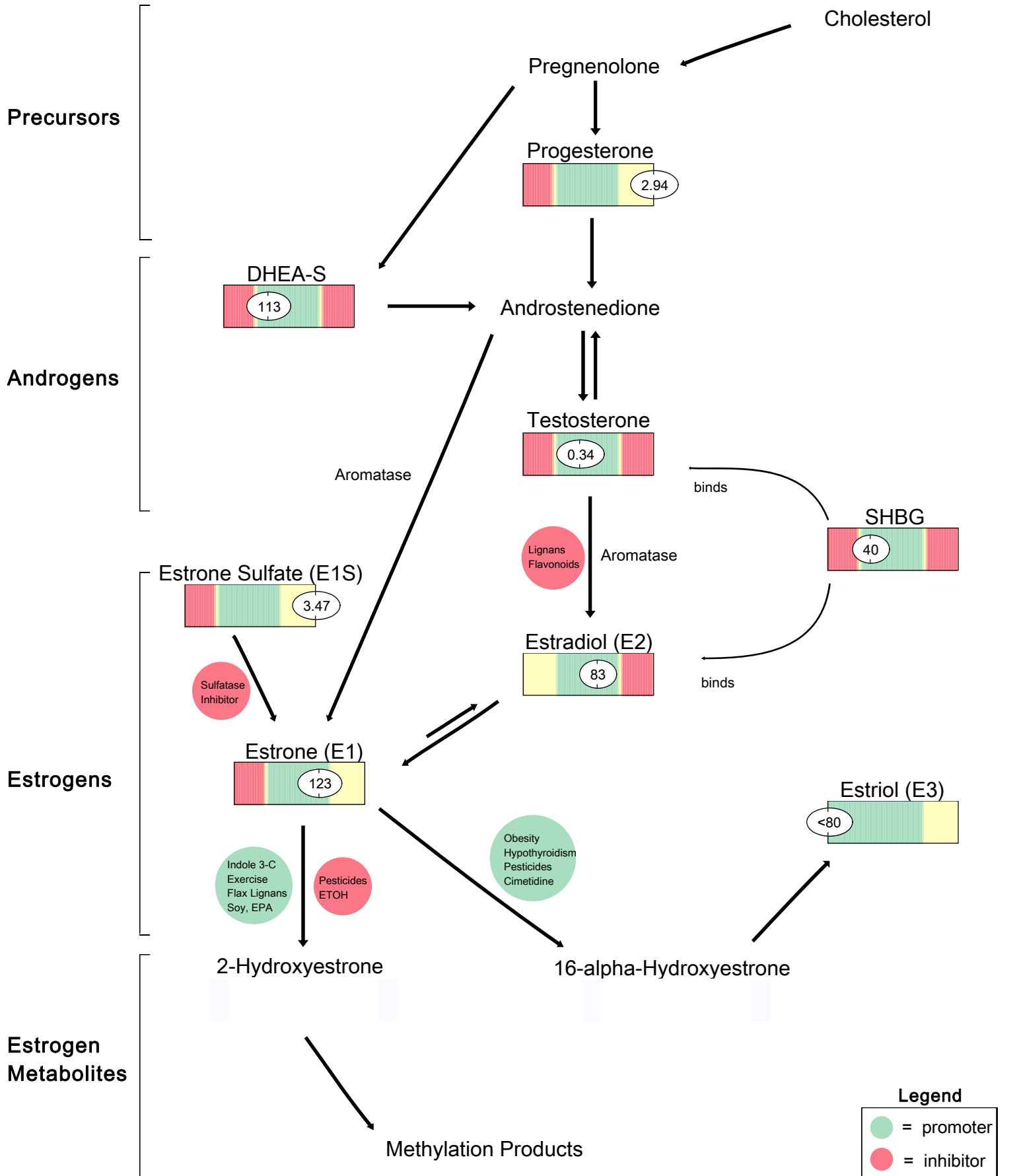
Hormone	Reference Range	Reference Range
DHEA-S	113	35-430 mcg/dL
Testosterone	0.34	0.10-0.75 ng/mL
Free Androgen Index	2.95	0.22-5.78

Reference Range Information

The testosterone reference range is based on the manufacturer's range determined from women ages 21-73. Other reference ranges were determined with follicular serum samples from premenopausal women who were not using hormone replacement therapy. These ranges serve as clinical guidelines to observe changes due to hormone replacement. However, each individual is unique and treatment should be tailored to the patient's clinical picture.



Steroidogenic Pathway





Analyte	Premenopausal follicular	Premenopausal luteal	Unsupplemented Menopausal	Patient Results
Estrone Sulfate (ng/mL)	0.56 - 2.67	0.75 - 4.28	0.23 - 1.40	3.47
Estrone (pg/mL)	31 - 145	43 - 250	18 - 63	123
Estradiol (pg/mL)	25 - 115	37 - 246	<15 - 25	83
Estriol (pg/mL)	<= 80	<= 80	<= 80	<80
Progesterone (ng/mL)	<0.27 - 1.13	0.95 - 21.00	0.30 - 0.64	2.94
Testosterone (ng/mL)	0.10 - 0.75	0.10 - 0.75	0.10 - 0.75	0.34
DHEA-s (mcg/dL)	35 - 430	35 - 430	30 - 202	113