

Ordered Items: **Thyroid Panel With TSH, FSH and LH, Testosterone, Free and Total, Thyroxine (T4) Free, Direct, S, DHEA-Sulfate, Cortisol, Estradiol, IGF-1, Progesterone, Triiodothyronine (T3), Free**

Date Collected:	Date Received:	Date Reported:	Fasting:
-----------------	----------------	----------------	----------

Thyroid Panel With TSH

Tests	Result	Flag	Units	Reference Interval
TSH ⁰¹	2.080		uIU/mL	0.450-4.500
Thyroxine (T4) ⁰¹	5.2		ug/dL	4.5-12.0
T3 Uptake ⁰¹	27		%	24-39
Free Thyroxine Index	1.4			1.2-4.9

FSH and LH

Tests	Result	Flag	Units	Reference Interval
LH ⁰¹	5.1		mIU/mL	
Adult Female: Follicular phase 2.4 - 12.6 Ovulation phase 14.0 - 95.6 Luteal phase 1.0 - 11.4 Postmenopausal 7.7 - 58.5				
FSH ⁰¹	10.0		mIU/mL	
Adult Female: Follicular phase 3.5 - 12.5 Ovulation phase 4.7 - 21.5 Luteal phase 1.7 - 7.7 Postmenopausal 25.8 - 134.8				

Testosterone, Free and Total

Tests	Result	Flag	Units	Reference Interval
▼ Testosterone, Serum ⁰¹	<3	Low		8-48
Free Testosterone(Direct) ⁰²	0.9		pg/mL	0.0-4.2

Thyroxine (T4) Free, Direct, S

Tests	Result	Flag	Units	Reference Interval
T4, Free(Direct) ⁰¹	0.96		ng/dL	0.82-1.77

DHEA-Sulfate

Tests	Result	Flag	Units	Reference Interval
▼ DHEA-Sulfate ⁰¹	62.4	Low	ug/dL	84.8-378.0

Cortisol

Tests	Result	Flag	Units	Reference Interval
Cortisol ⁰¹	6.8		ug/dL	

Cortisol AM 6.2 - 19.4
Cortisol PM 2.3 - 11.9

Estradiol

Tests	Result	Flag	Units	Reference Interval
Estradiol ⁰¹	21.6		pg/mL	

Adult Female:
Follicular phase 12.5 - 166.0
Ovulation phase 85.8 - 498.0
Luteal phase 43.8 - 211.0
Postmenopausal <6.0 - 54.7
Pregnancy
1st trimester 215.0 - >4300.0

Roche ECLIA methodology

IGF-1

Tests	Result	Flag	Units	Reference Interval
Insulin-Like Growth Factor I ⁰³	150		ng/mL	84-281

Progesterone

Tests	Result	Flag	Units	Reference Interval
Progesterone ⁰¹	<0.1			

Follicular phase 0.1 - 0.9
Luteal phase 1.8 - 23.9
Ovulation phase 0.1 - 12.0
Pregnant
First trimester 11.0 - 44.3
Second trimester 25.4 - 83.3
Third trimester 58.7 - 214.0
Postmenopausal 0.0 - 0.1

Triiodothyronine (T3), Free

Tests	Result	Flag	Units	Reference Interval
Triiodothyronine (T3), Free ⁰¹	2.5		pg/mL	2.0-4.4

Performing Labs

Icon Legend

▲ Out of reference range ■ Critical or Alert