

LCMS Saliva Reference Ranges

Disclaimer: Reference ranges are observed ranges based on collected laboratory data. Supplementation type and dosage are for provider information only and are not recommendations for treatment. For more information, please contact ZRT Laboratory.

LCMS Saliva Test	Reference Ranges for WOMEN		Reference Ranges for MEN	
Estradiol (E2) pg/mL	Premenopausal - luteal	1.0-2.9		0.5-1.3
	Premenopausal - follicular	0.6-2.9		
	Postmenopausal	0.3-0.9		
	Estrogen replacement	1.0-13.4		
	Synthetic HRT, birth control	0.3-1.4		
Estriol (E3) pg/mL	Premenopausal - luteal	<3.0		<1.7
	Postmenopausal	<1.9		
	Topical estriol/Biess/Triest	10-200		
	Oral estriol/Biess/Triest	10-80		
Estrone (E1) pg/mL	Premenopausal - luteal	3.2-7.9		1.3-3.6
	Postmenopausal	0.9-3.1		
	Estradiol/Biess/Triest replacement	1.7-10.7		
Ethinyl estradiol (EE) pg/mL	No ethinyl estradiol treatment	<0.4		<0.4
	Ethinyl estradiol treatment	0.4-6.0		
Pregnenolone sulfate (PregS) pg/mL	No pregnenolone supplementation	1-23		1-23
	Oral pregnenolone	3-76		
Progesterone (Pg) pg/mL	Premenopausal - luteal	66-196	No Pg supplementation	5-26
	Premenopausal - follicular	5-20	Topical Pg (5-10 mg)	26-262
	Premenopausal - ovulatory	9-58		
	Postmenopausal	5-34		
	Oral Pg (100-300 mg)	12-168		
	Topical, troche, vaginal Pg (10-30 mg)	126-2265		
	Synthetic progestins (HRT, birth control)	5-25		
Allopregnanolone (AlloP) pg/mL	No supplementation	<15		<15
	Oral or topical progesterone	<15-111.5		
17-OH Progesterone (17OHPg) pg/mL		6-28		6-28
Androstenedione (Adione) pg/mL		36-93		49-119
Testosterone (T) pg/mL	No T supplementation	7-22	Age dependent	41-141
			Topical T	174-2631
Dihydrotestosterone (DHT) pg/mL		<7		<7
DHEA (D) pg/mL	No DHEA supplementation	77-287		77-287
	Oral DHEA supplementation	87-320		87-320
	Topical DHEA supplementation	100-437		100-437
DHEA-S (DS) ng/mL		0.8-8.0		0.8-8.0
7-Keto DHEA (7keto) pg/mL	No 7-keto DHEA supplementation	41-130	No 7-keto DHEA supplementation	41-130
	Oral 7-keto DHEA supplementation	42-136	Oral 7-keto DHEA supplementation	42-136
	Topical 7-keto DHEA supplementation	90-741	Topical 7-keto DHEA supplementation	90-741
11-Deoxycortisol (11DC) pg/mL		12-48		12-48
Cortisol (C) ng/mL	Morning	2.5-6.2	Morning	2.5-6.2
Cortisone (Cn) ng/mL	Morning	10.0-23.3	Morning	10.0-23.3
Corticosterone (Ccn) pg/mL		11-66		11-66
Aldosterone (Ald) pg/mL		16-63		16-63
Melatonin (Mel) pg/mL	No melatonin therapy	3-22	No melatonin therapy	3-22
	Melatonin therapy	12-780	Melatonin therapy	12-780
Anastrozole (ANZ) pg/mL	No anastrozole treatment	<5	No anastrozole treatment	<5
	Anastrozole treatment	213-1930	Anastrozole treatment	213-1930
Finasteride (FIN) pg/mL	No finasteride treatment	<5	No finasteride treatment	<5
	Finasteride treatment	>5	Finasteride treatment	>5
Letrozole (LTZ) pg/mL	No letrozole treatment	<5	No letrozole treatment	<5
	Letrozole treatment	>5	Letrozole treatment	>5