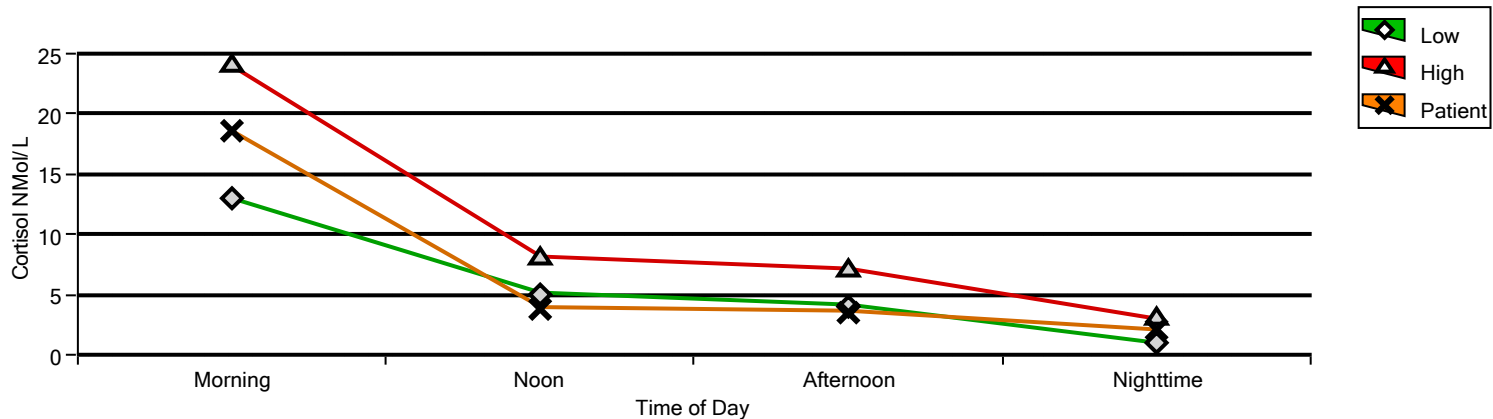


Functional Adrenal Stress Profile plus V - 205

Parameter	Result	Reference Range	Units
Cortisol - Morning (6 - 8 AM)	18.6	13.0 - 24.0	nM/L
Cortisol - Noon (12 - 1 PM)	3.8*	5.0 - 8.0	nM/L
Cortisol - Afternoon (4 - 5 PM)	3.5*	4.0 - 7.0	nM/L
Cortisol - Nighttime (10 PM - 12 AM)	2.1	1.0 - 3.0	nM/L
Cortisol Sum	28.0	23.0 - 42.0	nM/L
DHEA-S Average	1.71*	2.00 - 10.00	ng/mL
Cortisol/DHEA-S Ratio	16.4*	5.0 - 6.0	Ratio



This profile is used to evaluate the adrenal glands and hormone balance. In the event of adrenal exhaustion and imbalances in the reported hormones, underlying causes must be determined through additional lab testing and investigation into environmental and lifestyle factors; while also supporting the endocrine system with therapies and lifestyle modifications.

When the body is under chronic stress, pregnenolone, the precursor to all other steroidal hormones, is diverted to produce cortisol (known as pregnenolone steal or cortisol escape). This is to the detriment of all other steroidal hormones (such as DHEA and its metabolites, including progesterone, testosterone, and the estrogens). As pregnenolone is diverted to cortisol, DHEA depletion begins. The result is an elevated cortisol to DHEA ratio. A normal ratio is approximately 5:1 to 6:1.

Profile #205 includes additional hormones for a more complete view into the impacts of chronic stress on the individual's core body systems. A vast amount of information can be gathered through this profile.

Functional Adrenal Stress Profile plus V - 205

Parameter	Result	Reference Range	Units
Salivary Estradiol	1.9		pg/ml
FEMALES:			
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	
MALE:			
	1.0 - 3.0	PG/ML	
Salivary Estriol	1.4		pg/ml
FEMALES:			
Premenopausal	1.0 - 4.0	PG/ML	
Postmenopausal	1.0 - 3.0	PG/ML	
Physiological Range.....	4.0 - 12.0	PG/ML	
MALE:			
	0.5 - 3.0	PG/ML	
Salivary Progesterone	140.0		pg/ml
FEMALES:			
Premenopausal	50 - 400	PG/ML	
Postmenopausal	5.0 - 95	PG/ML	
Physiological Range.....	100 - 500	PG/ML	
MALE:			
	5.0 - 100	PG/ML	
Melatonin (bedtime)	15.4	12.0 - 23.0	pg/ml
Testosterone (A.M.)	62.4		pg/ml
FEMALE MALE			
A.M.	20.0 - 60.0	40.0 - 130.0	PG/ML
P.M.	10.0 - 20.0	50.0 - 100.0	PG/ML