



Accession # 01036006

Collection Times:

Male Sample Report
123 A Street
Sometown, CA 90266

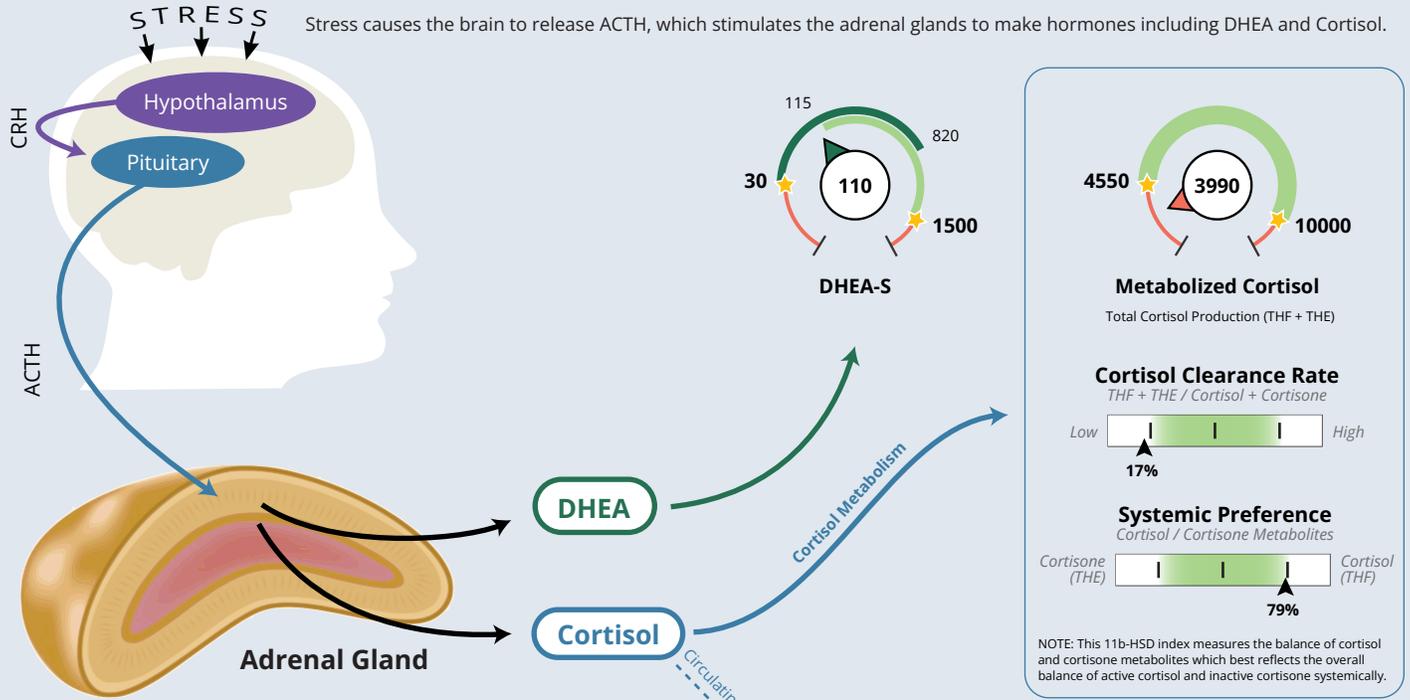
2022-06-13 01:30AM (U)
2022-06-13 04:00AM (U)
2022-06-13 06:00AM (U)
2022-06-13 03:00PM (U)
2022-06-13 08:00PM (U)

DOB: 1976-01-01
Age: 46
Sex: Male

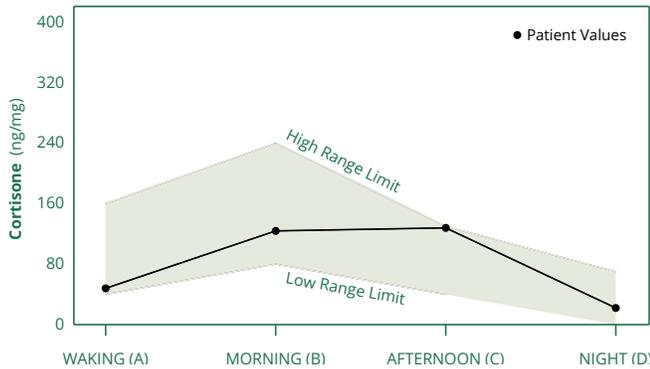
Ordering Provider:
Precision Analytical

Adrenal Hormones & Metabolites

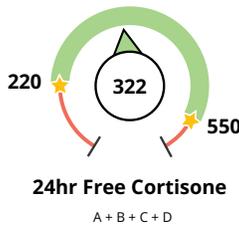
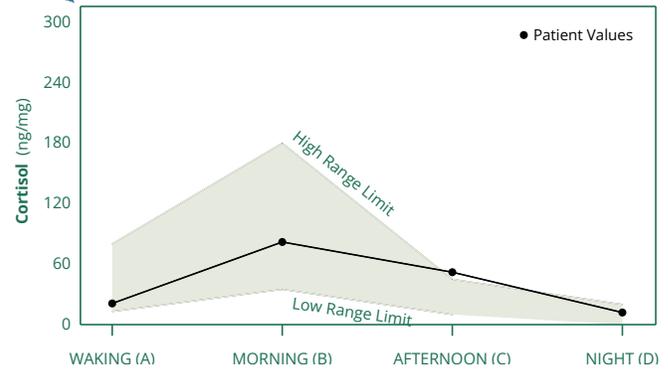
TEST		RESULT	UNITS	NORMAL RANGE
Daily Free Cortisol and Cortisone (Urine)				
Cortisol A - Waking	Low end of range	21.0	ng/mg	13 - 80
Cortisol B - Morning	Within range	82.0	ng/mg	35 - 180
Cortisol C - Afternoon	Above range	52.0	ng/mg	10 - 45
Cortisol D - Night	Within range	12.0	ng/mg	0 - 20
Cortisone A - Waking	Low end of range	48.0	ng/mg	40 - 160
Cortisone B - Morning	Within range	124.0	ng/mg	80 - 240
Cortisone C - Afternoon	High end of range	128.0	ng/mg	40 - 130
Cortisone D - Night	Within range	22.0	ng/mg	0 - 70
24hr Free Cortisol	Within range	167.0	ng/mg	75 - 300
24hr Free Cortisone	Within range	322.0	ng/mg	220 - 550
Creatinine (Urine)				
Creatinine A - Waking	Within range	0.50	mg/ml	0.3 - 3
Creatinine B - Morning	Within range	0.72	mg/ml	0.3 - 3
Creatinine C - Afternoon	Within range	0.48	mg/ml	0.3 - 3
Creatinine D - Night	Within range	0.34	mg/ml	0.3 - 3
Cortisol Metabolites and DHEA-S (Urine)				
a-Tetrahydrocortisol (a-THF)	Below range	140.0	ng/mg	175 - 700
b-Tetrahydrocortisol (b-THF)	Low end of range	1900.0	ng/mg	1750 - 4000
b-Tetrahydrocortisone (b-THE)	Below range	1950.0	ng/mg	2350 - 5800
Metabolized Cortisol (THF + THE)	Below range	3990.0	ng/mg	4550 - 10000
DHEA-S	Low end of range	110.0	ng/mg	30 - 1500
Cortisol Clearance Rate (CCR)	Below range	8.2		8.5 - 17.5



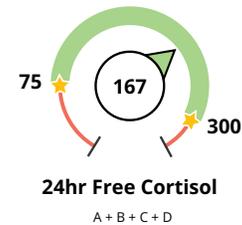
Daily Free Cortisone Pattern



Daily Free Cortisol Pattern



Cortisol and Cortisone interconvert (11b-HSD)



The Waking (A) free cortisol result is intended to represent the "overnight" period. When patients wake at night we request they collect a sample to use in a time-weighted calculation to represent the "overnight" period. In this case, the patient woke during the night and collected a sample successfully but their waking sample had no measurable cortisol (the urine was too dilute). The middle-of-the-night sample has been used as the only input for the Waking (A) result. This cortisol value represents the time between bed and the middle-of-the-night collection and not the entirety of the overnight period.



Accession # 01036004

Collection Times:

Female Sample Report
123 A Street
Sometown, CA 90266

2022-06-13 04:00AM (U)
2022-06-13 06:00AM (U)
2022-06-13 03:00PM (U)
2022-06-13 08:00PM (U)

DOB: 1976-01-01

Age: 46

Sex: Female

Last Menstrual Period:

2022-05-25

Ordering Provider:

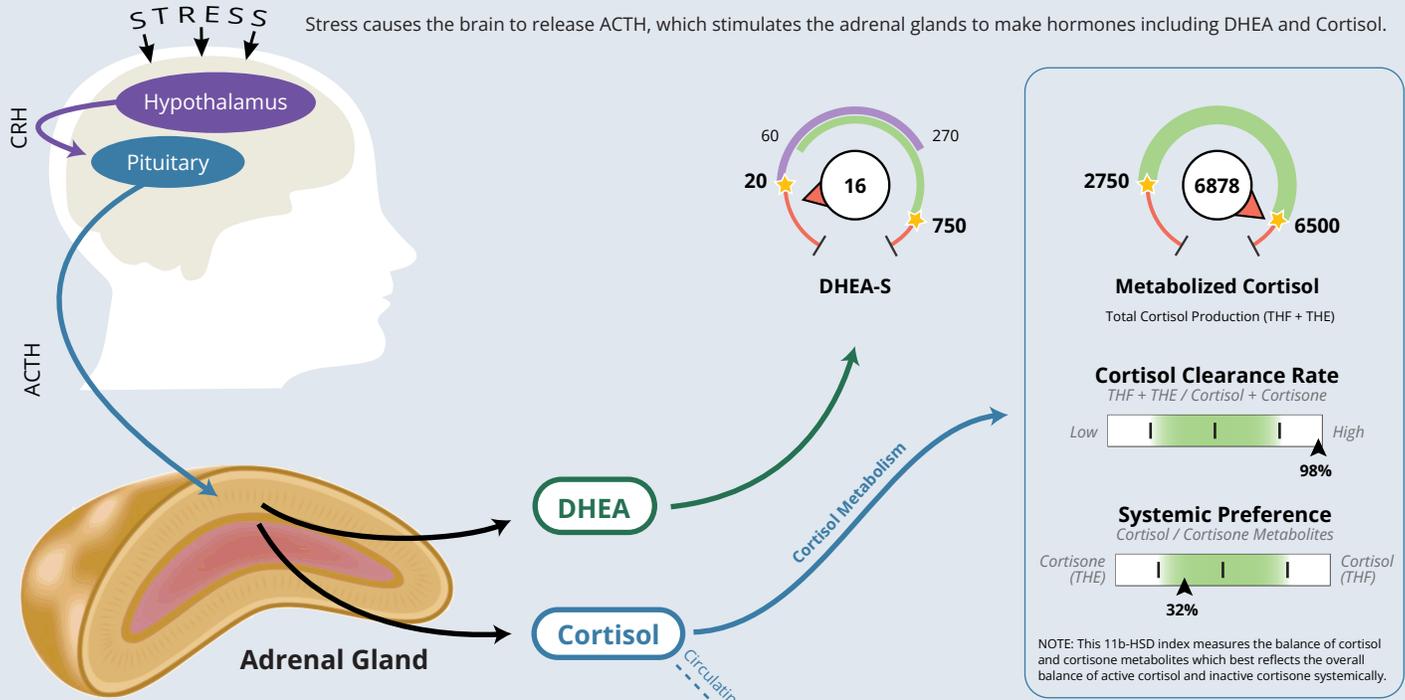
Precision Analytical

Adrenal Hormones & Metabolites

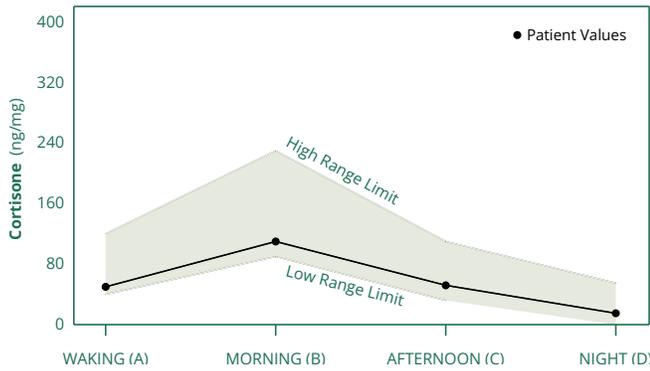
TEST		RESULT	UNITS	NORMAL RANGE
Daily Free Cortisol and Cortisone (Urine)				
Cortisol A - Waking	Low end of range	12.0	ng/mg	10 - 50
Cortisol B - Morning	Low end of range	32.0	ng/mg	30 - 130
Cortisol C - Afternoon	Low end of range	9.0	ng/mg	7 - 30
Cortisol D - Night	Within range	5.0	ng/mg	0 - 14
Cortisone A - Waking	Low end of range	50.0	ng/mg	40 - 120
Cortisone B - Morning	Low end of range	110.0	ng/mg	90 - 230
Cortisone C - Afternoon	Within range	52.0	ng/mg	32 - 110
Cortisone D - Night	Within range	15.0	ng/mg	0 - 55
24hr Free Cortisol	Below range	58.0	ng/mg	65 - 200
24hr Free Cortisone	Low end of range	227.0	ng/mg	220 - 450
Creatinine (Urine)				
Creatinine A - Waking	Within range	0.50	mg/ml	0.2 - 2
Creatinine B - Morning	Within range	0.72	mg/ml	0.2 - 2
Creatinine C - Afternoon	Within range	0.48	mg/ml	0.2 - 2
Creatinine D - Night	Within range	0.34	mg/ml	0.2 - 2
Cortisol Metabolites and DHEA-S (Urine)				
a-Tetrahydrocortisol (a-THF)	Above range	464.0	ng/mg	75 - 370
b-Tetrahydrocortisol (b-THF)	Within range	2318.9	ng/mg	1050 - 2500
b-Tetrahydrocortisone (b-THE)	Above range	4095.1	ng/mg	1550 - 3800
Metabolized Cortisol (THF + THE)	Above range	6878.0	ng/mg	2750 - 6500
DHEA-S	Below range	16.0	ng/mg	20 - 750
Cortisol Clearance Rate (CCR)	Above range	24.1		6 - 12.5

ADRENAL HORMONES & METABOLITES

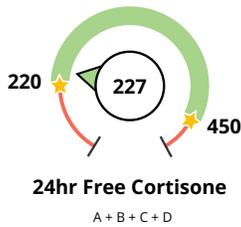
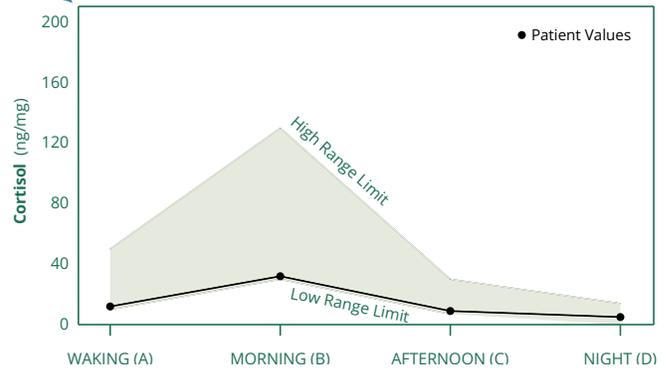
● Optimal Luteal Range ● Postmenopausal Range ● Out of Range ★ Edge of Range



Daily Free Cortisone Pattern



Daily Free Cortisol Pattern



Cortisol and Cortisone interconvert (11b-HSD)

