

Authorizing Clinician	Patient	Collected	Received	Reported
BioHealth Laboratory 23900 Hawthorne Blvd, Suite 150 Torrance, CA 90505	Rebecca Stein	Gender: Female DOB: 11/26/1968	01/08/2017	01/10/2017 01/09/2017

Cortisol Diurnal Rhythm (#204A)

Cortisol Diurnal Rhythm

Time of Collection	Lower (nmol/L)	Patient (nmol/L)	Upper (nmol/L)
Morning	~12.4	12.4	~24.0
Noon	~5.0	7.1	~8.0
Afternoon	~4.0	4.1	~7.0
Nighttime	~1.0	2.1	~3.0

Cortisol and DHEA-S Results

Parameter	Result	Reference Range	Units
Cortisol - Morning	12.4	13.0 - 24.0	nmol/L
Cortisol - Noon	7.1	5.0 - 8.0	nmol/L
Cortisol - Afternoon	4.1	4.0 - 7.0	nmol/L
Cortisol - Nighttime	2.1	1.0 - 3.0	nmol/L
Cortisol - Sum	25.7	23.0 - 42.0	nmol/L

** A new Cortisol:DHEA-S ratio reference range is currently being determined by analysis of patient data from the newly improved test conditions.

Cortisol levels start high in the morning and decline as the day transpires. Levels may fluctuate high or low at any of the four times of measurement, due to stress, acute or chronic. The #204 is applicable to individuals not requiring DHEA-Sulfate measurements in their adrenal health diagnostics.