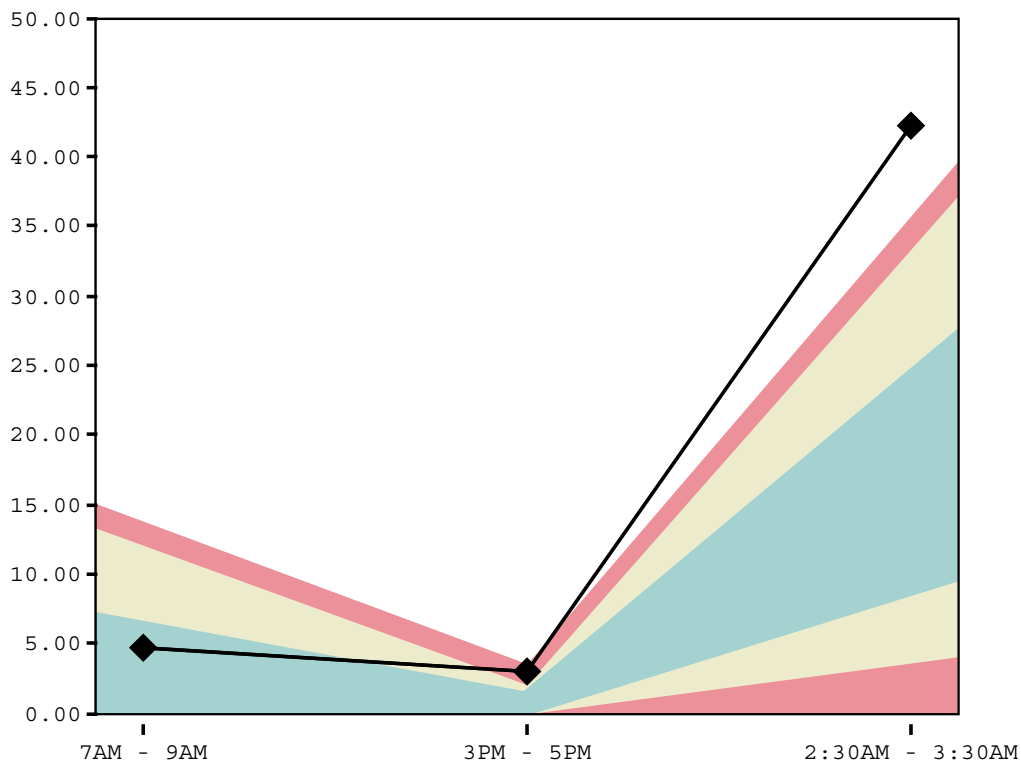


TEST NAME: Comprehensive Melatonin Profile

4108 Comprehensive Melatonin Profile

Methodology: EIA

Salivary Melatonin



Results

	7AM-9AM*	3PM-5PM*	2:30AM - 3:30AM*
Patient Results (pg/mL) >>	4.76	3.04	42.17
Reference Range (pg/mL)	<=12.12	<=1.97	3.71-33.38
<small>*Based on Collection Times</small>			



PATIENT:	Sample Report	TEST REF:	TST-DL-XXXXXX
TEST NUMBER:	T-DL-XXXXXX	COLLECTED:	
GENDER:	M/F	RECEIVED:	
AGE:	XX	TESTED:	
		PRACTITIONER:	Nordic Laboratories ApS

TEST NAME: Comprehensive Melatonin Profile

Commentary

Lab Comments

*The recommended sample collection may not have been followed.
Physician should confer with patient to confirm collection
times before attempting to interpret results. 04/30/2024 dch*

The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with ♦, the assay has not been cleared by the U.S. Food and Drug Administration.

Commentary is provided to the practitioner for educational purposes, and should not be interpreted as diagnostic or as treatment recommendations. Diagnosis and treatment decisions are the practitioner's responsibility.

Both 3-5 PM and 2:30-3:30 AM melatonin levels are elevated.

High melatonin levels may bring about inhibition of ovulation in women as well as decreased body temperature. High melatonin has been noted in the manic phase of bipolar mood disorder. Many antidepressant drugs may stimulate melatonin production, including fluvoxamine, desipramine, and most MAO inhibitors. Prozac may lower melatonin levels.

This profile reveals a disturbance in the circadian rhythm of melatonin. This may influence other hormones such as thyroid, testosterone, and estrogen. As well as playing a crucial role in sleep-wake cycles, melatonin influences other vital functions including cardiovascular and antioxidant protection, endocrine function, immune regulation and body temperature.