

Patient ID <b>SA00166936</b>	Patient Name <b>SAMPLEREPORT, FMELA NORMAL</b>	Birth Date <b>1993-12-13</b>	Sex <b>M</b>	Age <b>30</b>
Order Number <b>SA00166936</b>	Client Order Number <b>SA00166936</b>	Ordering Physician <b>CLIENT,CLIENT</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>03 Mar 2024 00:00</b>		

**Melatonin, Plasma**
**Melatonin**
**Y082**

None Detected ng/mL

Reporting Limit: 1.0 ng/mL

Endogenous concentrations of melatonin are of the order of less than 0.02–0.2 ng/mL and vary based on the time of day and the patient's age. Single oral doses of 10, 20, 40, and 80 mg given to 20 healthy men resulted in mean peak serum concentrations of approximately 4, 9, 17, and 32 ng/mL, respectively, at 1.3 hours post-dose. Up to 240 mg has been safely administered to adults with side effects that include

only drowsiness and sleepiness.

 Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.

Digital data review may have taken place remotely by qualified NMS staff utilizing a secure VPN connection for some or all of the reported results. This is in accordance with and follows CLIA regulations.

**Received:** 04 Mar 2024 10:31

**Reported:** 14 Mar 2024 10:21

**Performing Site Legend**

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		