



# LABORATORY REPORT

Example Client, XYZ123  
1234 Warde Road  
Ann Arbor MI 48108

**EXAMPLE, REPORT W**  
WX0000003827 M 07/08/1978 45 Y

## Referral Testing

Collected: 09/19/2023 09:05 Received: 09/19/2023 09:05

Test Name	Result	Flag	Ref-Ranges	Units	Site
<b>Metanephrines, Plasma Free</b>					
Metanephrine, Free	56		< OR = 57	pg/mL	QCRL

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Normetanephrine, Free	109		< OR = 148	pg/mL	QCRL
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Total, Free (MN + NMN)	165		< OR = 205	pg/mL	QCRL
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Elevations > 4-fold upper reference range: strongly suggestive of a pheochromocytoma(1). Elevations >1 - 4-fold upper reference range: significant but not diagnostic, may be due to medications or stress. Suggest running 24 hr urine fractionated metanephrines and serum Chromogranin A for confirmation.

### Reference:

(1) Algeciras-Schimmich A et al, Plasma Chromogranin A or Urine Fractionated Metanephrines Follow-Up Testing Improves the Diagnostic Accuracy of Plasma Fractionated Metanephrines for Pheochromocytoma. The Journal of Clinical Endocrinology and Metabolism 93 (1),91-95, 2008.

For additional information, please refer to  
(This link is being provided for informational/educational purposes only.)

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Test Performed at:  
Quest Diagnostics Nichols Institute  
33608 Ortega Highway

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: San Juan Capistrano, CA 92675-2042 I Maramica MD, PhD, MBA

Performing Site:
QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

Reported Date: 2023.09.22 9:06 METPQ

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED