



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: 09/07/2023 08:34 Received: 09/07/2023 08:34

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Rows include VMA and HVA, Urine tests for Homovanillic Acid.

REFERENCE INTERVAL: HVA, Urine mg/g CRT

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com). Performed By: ARUP Laboratories 500 Chipeta Way Salt Lake City, UT 84108 Laboratory Director: Jonathan R. Genzen, MD, PhD CLIA Number: 46D0523979

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Rows include Creatinine, Urine - per 24h and VMA and HVA Interpretation.

INTERPRETIVE INFORMATION: VMA and HVA, Urine

Vanillylmandelic acid (VMA) and homovanillic acid (HVA) results are expressed as a ratio to creatinine excretion (mg/g CRT). No reference interval is available for results reported in units of mg/L. Slight or moderate increases in catecholamine metabolites may be due to extreme anxiety, essential hypertension, intense physical exercise, or drug interactions. Significant increase of one or more catecholamine metabolites (several times the upper reference limit) is associated with an increased probability of a secreting neuroendocrine tumor.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Rows include Creatinine, Urine - per Volume and Vanillylmandelic Acid - Ratio to crt.

REFERENCE INTERVAL: VMA, Urine mg/g CRT

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory

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. Includes rows for Homovanillic Acid (HVA) - per 24h and Hours Collected.

Per 24h calculations are provided to aid interpretation for collections with a duration of 24 hours and an average daily urine volume. For specimens with notable deviations in collection time or volume, ratios of analytes to a corresponding urine creatinine concentration may assist in result interpretation.

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Includes rows for Vanillylmandelic Acid (VMA) - per 24h, Total Volume, and Vanillylmandelic Acid - per Volume.

Performing Site:

ARRL: ARUP REFERENCE LAB 500 Chipeta Way Salt Lake City UT 841081221

Reported Date: 2023.09.07 8:37 UVMHA

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

F307000004
WX0000003827
Printed D&T: 09/07/23 08:38

Ordered By: KAJAL SITWALA, MD, PhD
WX00000000002365

Kajal V. Sitwala, MD, PhD - Medical Director
Form: MM RL1
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