



LABORATORY REPORT

QC ACCOUNT (WARDE)
300 W. TEXTILE
ANN ARBOR MI 48108

EXAMPLE, REPORT W
WX0000003826 F 12/05/1988 36 Y

Referral Testing

Collected: 04/16/2025 10:07 Received: 04/16/2025 10:07

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

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 Test Directory (aruplab.com).

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Rows include Homovanillic Acid - per volume and Homovanillic Acid - ratio to CRT.

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. Row: VMA and HVA Interpretation See Note ARRL

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.

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

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



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Test Name Result Flag Ref-Ranges Units Site
intended for clinical purposes.

Reported Date: 04/16/2025 10:07 UVHAR

Performing Site:

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

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

H216000005 Ordered By: CLIENT CLIENT
WX0000003826 WX00000000002823
Printed D&T: 04/16/25 10:08

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