

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 7/13/1987
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Catecholamines Fractionated by LC-MS/MS, Urine Free

ARUP test code 0080407

Hours Collected	24 hr		
	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.		
Total Volume	2500 mL		
Creatinine, Urine - per volume	300 mg/dL		
Creatinine, Urine - per 24h	7500 mg/d	H	(Ref Interval: 700-1600)
Epinephrine, Urine - per 24h	1000 ug/d	H	(Ref Interval: 1-14) REFERENCE INTERVAL: Epinephrine, Urine - ug/d Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).
Epinephrine, Urine - ratio to CRT	133 ug/g CRT	H	(Ref Interval: 0-20)
Epinephrine, Urine - per volume	400 ug/L		
Norepinephrine, Urine - per 24h	1750 ug/d	H	(Ref Interval: 14-120)

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

REFERENCE INTERVAL: Norepinephrine, Urine - ug/d

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Norepinephrine, Urine - ratio to CRT **233 ug/g CRT H** (Ref Interval: 0-45)

Norepinephrine, Urine - per volume 700 ug/L

Dopamine, Urine - per 24h **2000 ug/d H** (Ref Interval: 71-485)

REFERENCE INTERVAL: Dopamine, Urine - ug/d

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Dopamine, Urine - ratio to CRT **267 ug/g CRT H** (Ref Interval: 0-250)

Dopamine, Urine - per volume 800 ug/L

Catecholamines, Urine Interpretation

See Note

TEST INFORMATION: Catecholamines Fractionated, Urine Free

Smaller increases in catecholamine concentrations (less than two times the upper limit) usually are the result of physiological stimuli, drugs, or improper specimen collection. Significant elevation of one or more catecholamines (three or more times the upper reference limit) is associated with an increased probability of a neuroendocrine tumor.

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

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.

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per volume	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per 24h	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Epinephrine, Urine - per 24h	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Epinephrine, Urine - ratio to CRT	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Epinephrine, Urine - per volume	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Norepinephrine, Urine - per 24h	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Norepinephrine, Urine - ratio to CRT	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Norepinephrine, Urine - per volume	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dopamine, Urine - per 24h	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dopamine, Urine - ratio to CRT	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dopamine, Urine - per volume	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Catecholamines, Urine Interpretation	22-354-149218	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-354-149218
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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