

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

Physician: Doctor, Example

Patient: Patient, ExampleDOB: 12/31/1968
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	
Total Volume	1000 mL	
Creatinine, Urine - per volume	70 mg/dL	
Creatinine, Urine - per 24h	700 mg/d	(Ref Interval: 700-1600)
Epinephrine, Urine - per 24h	10 ug/d	(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	14 ug/g CRT	(Ref Interval: 0-20)
Epinephrine, Urine - per volume	10 ug/L	
Norepinephrine, Urine - per 24h	121 ug/d H	(Ref Interval: 14-120) 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	173 ug/g CRT H	(Ref Interval: 0-45)
Norepinephrine, Urine - per volume	121 ug/L	

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

Dopamine, Urine - per 24h

486 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

694 ug/g CRT H (Ref Interval: 0-250)

Dopamine, Urine - per volume

486 ug/L

Catecholamines, Urine Interpretation

See Note

TEST INFORMATION: Catecholamines Fractionated, Urine Free

The optimal specimen for this testing is a 24-hour urine collection. Mass per day calculations are not reported for patients younger than 4 years of age and for the following specimen types: a random collection, a collection with duration of less than 20 hours, a collection with duration of greater than 28 hours, or a collection with total volume less than 400 mL (if 18 years of age or older) or greater than 5000 mL (all ages). Ratios to creatinine may be useful for these evaluations.

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).

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per volume	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per 24h	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Epinephrine, Urine - per 24h	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Epinephrine, Urine - ratio to CRT	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Epinephrine, Urine - per volume	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Norepinephrine, Urine - per 24h	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Norepinephrine, Urine - ratio to CRT	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Norepinephrine, Urine - per volume	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dopamine, Urine - per 24h	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dopamine, Urine - ratio to CRT	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dopamine, Urine - per volume	19-322-111349	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Catecholamines, Urine Interpretation	19-322-111349	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