

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

Physician: Doctor, Example

Patient: Patient, ExampleDOB: 12/31/1968
Gender: Male
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 | 2300 mL | |
| Creatinine, Urine - per volume | 54 mg/dL | |
| Creatinine, Urine - per 24h | 1242 mg/d | (Ref Interval: 1000-2500) |
| Epinephrine, Urine - per 24h | <2 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 | <2 ug/g CRT | (Ref Interval: 0-20) |
| Epinephrine, Urine - per volume | <1 ug/L | |
| Norepinephrine, Urine - per 24h | 28 ug/d | (Ref Interval: 16-71) 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 | 22 ug/g CRT | (Ref Interval: 0-45) |
| Norepinephrine, Urine - per volume | 12 ug/L | |

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

| | | |
|--------------------------------|---|------------------------|
| Dopamine, Urine - per 24h | 182 ug/d | (Ref Interval: 77-324) |
| | 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 | 146 ug/g CRT | (Ref Interval: 0-250) |
| Dopamine, Urine - per volume | 79 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 | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Total Volume | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Creatinine, Urine - per volume | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Creatinine, Urine - per 24h | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Epinephrine, Urine - per 24h | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Epinephrine, Urine - ratio to CRT | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Epinephrine, Urine - per volume | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Norepinephrine, Urine - per 24h | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Norepinephrine, Urine - ratio to CRT | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Norepinephrine, Urine - per volume | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Dopamine, Urine - per 24h | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Dopamine, Urine - ratio to CRT | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Dopamine, Urine - per volume | 19-232-110172 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00 |
| Catecholamines, Urine Interpretation | 19-232-110172 | 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