



Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/ Verified
Hours Collected	24	hr		19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Total Volume	1000	mL		19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Creatinine, Urine - per volume	105	mg/dL		19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Creatinine, Urine - per 24h	1050	mg/d	[1,000-2,500]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Epinephrine, Urine - per 24h	15 H	ug/d	[1-14]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Epinephrine, Urine - ratio to CRT	14	ug/g CRT	[0-20]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Epinephrine, Urine - per volume	15	ug/L		19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Norepinephrine, Urine - per 24h	70	ug/d	[16-71]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Norepinephrine, Urine - ratio to CRT	67 H	ug/g CRT	[0-45]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Norepinephrine, Urine - per volume	70	ug/L		19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Dopamine, Urine - per 24h	200	ug/d	[77-324]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Dopamine, Urine - ratio to CRT	190	ug/g CRT	[0-250]	19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Dopamine, Urine - per volume	200	ug/L		19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26
Catecholamines, Urine Interpretation	See Note			19-155-900031	04-Jun-19 08:52:00	04-Jun-19 08:52:00	04-Jun-19 08:59:26

04-Jun-19 08:52:00 Epinephrine, Urine - per 24h:
 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).

04-Jun-19 08:52:00 Norepinephrine, Urine - per 24h:
 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).

04-Jun-19 08:52:00 Dopamine, Urine - per 24h:
 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).

04-Jun-19 08:52:00 Catecholamines, Urine Interpretation:
 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.

* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

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