

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 1/21/1999  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Catecholamines Fractionated, Plasma**

ARUP test code 0080216

Dopamine	<20 pg/mL	(Ref Interval: 0-20)
Epinephrine	26 pg/mL	(Ref Interval: 10-200)
Norepinephrine	251 pg/mL	(Ref Interval: 80-520)

**Catecholamine Interpretation**

See Note

INTERPRETIVE INFORMATION: Catecholamines Panel, Plasma

Small increases in catecholamines (less than 2 times the upper reference limit) usually are the result of physiological stimuli, drugs, or improper specimen collection. Significant elevation of one or more catecholamines (2 or more times the upper reference limit) is associated with an increased probability of a neuroendocrine tumor. Measurement of plasma or urine fractionated metanephrines provides better diagnostic sensitivity than measurement of catecholamines.

Higher catecholamine concentrations are observed in specimens collected from upright or standing adults. Epinephrine may be increased by approximately 20 percent; norepinephrine up to 700 pg/mL; dopamine, unchanged.

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Dopamine	19-352-127106	12/18/2019 4:38:00 PM	12/20/2019 12:07:45 AM	12/21/2019 12:57:00 PM
Epinephrine	19-352-127106	12/18/2019 4:38:00 PM	12/20/2019 12:07:45 AM	12/21/2019 12:57:00 PM
Norepinephrine	19-352-127106	12/18/2019 4:38:00 PM	12/20/2019 12:07:45 AM	12/21/2019 12:57:00 PM
Catecholamine Interpretation	19-352-127106	12/18/2019 4:38:00 PM	12/20/2019 12:07:45 AM	12/21/2019 12:57:00 PM

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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 19-352-127106  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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