

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/29/1963  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Leukotriene E4, 24-Hour Urine**

ARUP test code 3004792

Collection Duration: 24 hr

Urine Volume: 3250 mL

Leukotriene E4, 24 Hour Urine

**170 pg/mg Cr H (Ref Interval: <=104)**

Leukotriene E(4) (LTE4) > 104 pg/mg creatinine is consistent with the diagnosis of systemic mast cell disease, in adults. The clinical sensitivity of LTE4 is 48% in patients with systemic mastocytosis. When LTE4 concentrations are combined with other biochemical markers of mast cell activation, N-methyl histamine (NMH) and 2,3-dinor 11-Beta Prostaglandin F(2) Alpha (2,3BPG), the clinical sensitivity increases to 92%. Results should be interpreted in the context of the patient's clinical condition.

-----ADDITIONAL INFORMATION-----  
This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Creatinine, 24 Hour Urine 1300 mg/24h (Ref Interval: 603 - 1783)

Creatinine Concentration, 24 Hour Urine 40 mg/dL

Test Performed by:  
Mayo Clinic Laboratories - Rochester Superior Drive  
3050 Superior Drive NW, Rochester, MN 55905  
Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D1040592

Test Performed by:  
Mayo Clinic Laboratories - Rochester Main Campus  
200 First Street SW, Rochester, MN 55905  
Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D0404292

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Collection Duration:	23-069-401191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Urine Volume:	23-069-401191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Leukotriene E4, 24 Hour Urine	23-069-401191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, 24 Hour Urine	23-069-401191	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine Concentration, 24 Hour Urine	23-069-401191	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: 23-069-401191  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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