

**TEST CHANGE**

**Leukotriene E4, 24-Hour Urine**

3004792, LTE 24 URN

**Specimen Requirements:**

**Patient Preparation:** Patients taking 5-lipoxygenase inhibitor zileuton (Zyflo) may have decreased concentrations of leukotriene E4 (LTE4). If possible, discontinue 48 hours prior to collection.

**Collect:** 24-hour urine. Refrigerate during collection.

**Specimen Preparation:** From a well-mixed 24-hour collection transfer 5 mL urine to ARUP standard transport tubes (Min: 2 mL). Test is not performed at ARUP; separate specimens must be submitted when multiple tests are ordered.

**Transport Temperature:** Frozen. Also acceptable: Refrigerated

**Unacceptable Conditions:**

**Remarks:** Collection duration and urine volume must be provided for testing. Total collection volume must be greater than 300 mL.

**Stability:** Ambient: 24 hours; Refrigerated: 1 week; Frozen: 28 days

**Methodology:** Quantitative Colorimetry/Liquid Chromatography-Tandem Mass Spectrometry

**Performed:** Varies

**Reported:** ~~6-11~~<sup>3-12</sup> days

**Note:**

**CPT Codes:** 82542

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

**Reference Interval:**

**By Report**