

HOTLINE: Effective March 7, 2022

---

**New Test**      **3004792**      **Leukotriene E4, 24-Hour Urine**      **LTE 24 URN**

**Methodology:** Quantitative Colorimetry/Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)  
**Performed:** Varies  
**Reported:** 3-9 days

**Specimen Required:** Patient Prep: 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.**  
Storage/Transport Temperature: Refrigerated. Also acceptable: Frozen  
Stability (collection to initiation of testing): Ambient: 24 hours; Refrigerated: 1 week; Frozen: 1 month

**Reference Interval:** By Report

**CPT Code(s):** 82542

New York DOH Approved.

**HOTLINE NOTE:** Refer to the Test Mix Addendum for interface build information.