

HOTLINE: Effective July 6, 2021

3002337

2,3 Dinor-11Beta-Prostaglandin F2 Alpha, 24-Hour Urine

BETA PG U

**Methodology:** Quantitative Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS); Colorimetry

**Specimen Required:** Patient Prep: Patients taking aspirin or nonsteroidal anti-inflammatory drugs (NSAIDs) may have decreased concentrations of prostaglandin F2 alpha. If possible, discontinue for 2 weeks or 72 hours, respectively, prior to specimen 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: 4 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: 8 hours; Refrigerated: 2 weeks; Frozen: 1 month

**Note:** Elevated levels of 2,3-dinor-11beta-prostaglandin F2 alpha (2,3 BPG) in urine are not specific for systemic mast cell disease and may be found in patients with angioedema, diffuse urticaria, or myeloproliferative diseases in the absence of diffuse mast cell proliferation.

**CPT Code(s):** 84150; 82570

**HOTLINE NOTE:** There is a clinically significant charting name change associated with this test.

Change the charting name for component 3002338, 2,3 Dinor-11 Beta-Prostaglandin F2 from 2,3 Dinor-11 Beta-Prostaglandin F2 to 2,3 Dinor-11 Beta-Prostaglandin F2a, 24U.

There is a component change associated with this test.

Add component 3004163, Creatinine, 24 Hour Urine

Add component 3004164, Collection Duration

Add component 3004165, Urine Volume

Add component 3004166, Creatinine Concentration, 24 Hour Urine