

TEST CHANGE

2,3 Dinor-11 Beta-Prostaglandin F2 Alpha, Random Urine

3004160, BETAPG RAN

Specimen Requirements:

Patient Preparation: 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: Urine.

Specimen Preparation: Transfer 5 mL urine to ARUP standard transport tubes. (Min: **34** mL) Test is not performed at ARUP; separate specimens must be submitted when multiple tests are ordered.

Transport Temperature: Refrigerated. Also acceptable: Frozen.

Unacceptable Conditions:

Remarks:

Stability: Ambient: 8 hours; Refrigerated: 2 weeks; Frozen: 1 month

Methodology: Quantitative Liquid Chromatography-Tandem Mass Spectrometry /Colorimetry

Performed: Varies

Reported: 6-11 days

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 Codes: 84150; 82570

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

Interpretive Data:

Reference Interval:

By Report



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and its Department of Pathology*

Effective Date: **December 2, 2024**