

**TEST CHANGE**

**Chromosome Analysis - Breakage, Fanconi Anemia, Whole Blood**

0097688, BREAKAGE

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Dark green (sodium heparin).

**Specimen Preparation:** Specimen must be received at performing laboratory within 48 hours of collection. Do not send to ARUP Laboratories. For direct submission instructions, please contact ARUP Referral Testing at 800-242-2787 ext. 5161. Transport 4 mL whole blood. (Min: 4 mL).  
Test is not performed at ARUP; separate specimens must be submitted when multiple tests are ordered.

**Transport Temperature:** Specimen must be sent directly to performing laboratory. Room temperature. Also acceptable: Refrigerated.

**Unacceptable Conditions:** Clotted specimens.

**Remarks:** Ordering physician name and NPI number are ~~is~~ required.

**Stability:** Ambient: 48 hours; Refrigerated: 48 hours; Frozen: Unacceptable

**Methodology:**

**Note:** Chromosome breakage study performed by culturing cells in both mitomycin-C (MMC) and diepoxybutane (DEB). These studies involve culturing of living cells; therefore, turnaround times given represent average times, which are subject to multiple variables. A routine Giemsa-banded chromosome analysis is included with breakage analysis.

A processing fee will be charged if this procedure is canceled at the client's request after the test has been set up, or if the specimen integrity is inadequate to allow culture growth.

**CPT Codes:** 88230; add 88249 if performed

**New York DOH Approval Status:** Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

**Interpretive Data:**

**Reference Interval:**

