

**TEST CHANGE**

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

0097688, BREAKAGE

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** ~~Dark green~~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. 5145. 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:**

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

**Methodology:** Cell Culture/Stain

**Performed:** Varies

**Reported:** ~~14-22~~12-17 days

**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. ~~Hard copy reports are generated following completion of case.~~ 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. ~~The fee will vary based on specimen type.~~

**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:

Test Number	Components	Reference Interval
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**HOTLINE NOTE:** There is a reflexive pattern change associated with this test. One or more orderable or component has been added or removed to the reflexive pattern. Refer to the Hotline Test Mix for interface build information.

**HOTLINE NOTE:** There is a price change associated with this test. Please contact ARUP Client Services at (800) 522-2787 for additional information.