

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 5/16/2015  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

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

ARUP test code 0097688

Chromosome Analysis, Breakage, Fanconi

See Note

Test(s) Ordered: Fanconi Breakage  
Specimen Submitted: PERIPHERAL BLOOD  
Submitted ICD9 Code: none provided  
Clinical History: none provided

Breakage analysis\*:  
Cells analyzed per clastogen: 50  
DEB [0.1 mcg/mL] cells with radials: 0  
DEB [0.1 mcg/mL] breaks/cell w/o radials: 0.04  
MMC [40 ng/mL] cells with radials: 1  
MMC [40 ng/mL] breaks/cell w/o radials: 0.16

\*DEB control values have been previously established in this laboratory. Absent radial figures and <0.5 breaks/cell is considered negative; few or no radials and 0.5-1.0 breaks/cell is considered negative but may indicate need for retesting; multiple radials and >1.0 breaks/cell is considered positive. MMC breakage values are variable and interpreted in the context of concurrent normal control cultures.

Chromosome Analysis:  
Peripheral blood was cultured with the clastogenic agents diepoxybutane (DEB) and mitomycin C (MMC) to induce Fanconi Anemia (FA)-related chromosome breakage. Breakage analysis was performed on unbanded chromosome preparations. Fifty cells each from the two culture systems were screened for chromosome breakage with the above results. When compared to negative control values, this analysis is considered negative for FA-related chromosome breakage.

Interpretation:  
Negative for Fanconi-related chromosome breakage

I have reviewed the specimen and agree with the interpretation above. Melanie Manning, M.D.  
Electronically signed  
Performed By: Stanford University - Hillview  
3375 Hillview Ave  
Palo Alto, CA 94304

**H=High, L=Low, \*=Abnormal, C=Critical**

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Chromosome Analysis, Breakage, Fanconi	22-307-401515	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

**H=High, L=Low, \*=Abnormal, C=Critical**

*Unless otherwise indicated, testing performed at:*

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-307-401515  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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