
LAB ALERT – NEW TEST**NOTIFICATION DATE: 10/24/2013**
EFFECTIVE DATE: 10/24/2013**CHROMOSOME ANALYSIS MOSAICISM****TEST CODE:** MDFCPCHRMOS**INTERFACE CODE:** 1004385**METHODOLOGY:** Chromosome Analysis**TEST DEACTIVATION INFORMATION:** DEACTIVATION CODE – CHRROM
ARUP NAME: Chromosome Analysis, Rule out Mosaicism
INTERFACE CODE: 1003967**CLINICAL UTILITY:** Chromosome abnormalities are associated with birth defects and congenital conditions. These abnormalities can be numerical or structural changes in chromosomes. There are several clinical situations which warrant chromosome analysis such as problems with early growth and development, still birth and neonatal death, fertility issues or identifying a chromosomal abnormality associated with a family history. Chromosome analysis by karyotyping can assist in making a diagnosis in a wide range of suspected congenital issues. Chromosome analysis, Mosaicism testing can rule out some of the most common cytogenetic abnormalities:

- 1) Trisomies for chromosomes 21 (Down syndrome), trisomy 18 (Edwards syndrome), trisomy 13 (Patau syndrome);
- 2) Turner syndrome (45,X) and Klinefelter syndrome (47,XXY) and other abnormalities of the sex chromosomes;
- 3) Structural chromosomal rearrangements; and
- 4) Mosaicism.

PERFORMED: Monday - Saturday**COLLECTION:** Peripheral blood in green top/Sodium Heparin (5-10 mL)

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| SPECIMEN PREPARATION: | Do not centrifuge. |
| STABILITY (FROM COLLECTION TO INITIATION OF TESTING): | Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable. |
| TRANSPORT: | Ambient temperature within 24 hours. Do not freeze. |
| REFERENCE RANGE: | Detailed interpretation provided in report. |
| RESULTS REPORTED: | Within 7-10 days of receipt. |
| CPT CODE(S): | 88230; 88263; 88280; 88285; 88291 |
| PERFORMING LAB: | ClearPoint Diagnostic Laboratories |

ORDER/CONTACT INFORMATION: *ClearPoint Client Services: 972-966-7700 | Fax: 972-966-7799*