Test Definition: BM

Chromosome Analysis, Hematologic Disorders, Bone Marrow

Reporting Title: Chromosomes, Hematolog, Bone Marrow
Performing Location: Rochester

Specimen Requirements:

Provide a reason for referral with each specimen. The laboratory will not reject testing if this information is not provided, but appropriate testing and interpretation may be compromised or delayed.

Container/Tube: Green top (sodium heparin)
Specimen Volume: 2-3 mL
Collection Instructions:
1. It is preferable to send the first aspirate from the bone marrow collection.
2. Invert several times to mix bone marrow.
3. Other anticoagulants are not recommended and are harmful to the viability of the cells.
Additional Information: Advise Express Mail or equivalent if not on courier service.
Forms: If not ordering electronically, please submit the following forms with the specimen:
-Hematopathology/Molecular Oncology Request Form (Supply T241)
-Cytogenetics Hematologic Disorders Request Form (Supply T607)

Specimen Type	Temperature	Time
Bone Marrow	Ambient (preferred)	
	Refrigerated	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
BM	G_786	Reason For Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
16047	Specimen	Alphanumeric		31208-2
16327	Specimen ID	Alphanumeric		N/A
16782	Source	Alphanumeric		N/A
16048	Order Date	Alphanumeric		N/A
G_786	Reason For Referral	Alphanumeric		42349-1
16052	Method	Alphanumeric		In Process

Result ID	Reporting Name	Type	Unit	LOINC®
50462	Banding Methods	Alphanumeric		62359-5
16054	Results	Alphanumeric		33893-9
16055	Interpretation	Alphanumeric		69965-2
16056	Amendment	Alphanumeric		In Process
16057	Consultant	Alphanumeric		N/A
16058	Report Date	Alphanumeric		N/A

CPT Code Information:

88237-Tissue culture for neoplastic disorders; bone marrow, blood
88291-Interpretation and report
88299-Unlisted cytogenetic study (Refer to patient report to apply the appropriate CPT code below in place of this unlisted cytogenetic study CPT code)
Based on the total number of cells analyzed and counted, MML would recommend the following:
Chromosome analysis with less than 5 cells; CPT Code 88261 w/modifier 52
Chromosome analysis with 5 to 14 cells; CPT Codes 88261, 88285
Chromosome analysis with 15 to 19 cells; CPT Code 88262
Chromosome analysis with 20 to 25 cells; CPT Code 88264
Chromosome analysis with more than 25 cells; CPT Codes 88264, 88285

Reference Values:

46,XX or 46,XY. No apparent chromosome abnormality.
An interpretative report will be provided.