Test Definition: HBL

Chromosome Analysis, Hematologic Disorders, Blood

Reporting Title: Chromosomes, Hematologic, Blood
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: 5-10 mL
Collection Instructions:
1. Invert several times to mix blood.
2. Other anticoagulants are not recommended and are harmful to the viability of the cells.
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
WB Sodium Heparin	Ambient (preferred)	
	Refrigerated	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HBL	G_540	Reason For Referral	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
16059	Specimen	Alphanumeric		31208-2
16328	Specimen ID	Alphanumeric		N/A
16783	Source	Alphanumeric		N/A
16060	Order Date	Alphanumeric		N/A
G_540	Reason For Referral	Alphanumeric		42349-1
16064	Method	Alphanumeric		In Process
50467	Banding Methods	Alphanumeric		62359-5

Result ID	Reporting Name	Type	Unit	LOINC®
16066	Results	Alphanumeric		29770-5
16067	Interpretation	Alphanumeric		69965-2
16068	Amendment	Alphanumeric		In Process
16069	Consultant	Alphanumeric		N/A
16070	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.