
Reporting Title: Heme Chromosome Hold, B/BM**Performing Location:** Rochester**Ordering Guidance:**

This test does not apply to any fluorescence in situ hybridization (FISH) assays. If specimen is to be held for FISH testing, order HOLDF / Hematologic Disorders, Fluorescence In Situ Hybridization (FISH) Hold, Varies.

Chromosome analysis is **not recommended** for plasma cell neoplasms due to limited clinical utility.(1)

-If this test and a plasma cell FISH test (PCPDS / Plasma Cell Proliferative Disorder, High-Risk with Reflex Probes, Diagnostic FISH Evaluation, Bone Marrow MSMRT / Mayo Algorithmic Approach for Stratification of Myeloma and Risk-Adapted Therapy Report, Bone Marrow; or MFCDF / Myeloma Fixed Cell, High Risk with Reflex Probes, Diagnostic FISH Evaluation, Varies) are ordered concurrently, this test will be canceled and no processing fee will be charged.

-If a secondary myeloid neoplasm is suspected and both this test and a plasma cell FISH (PCPDS/MSMRT/MFCDF) are needed, contact the Cytogenetics Communication Team at 800-533-1710 before sending the specimen.

Shipping Instructions:

Advise Express Mail or equivalent if not sent via courier service.

Necessary Information:

Provide a reason for testing and bone marrow pathology report (if available) 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.

Specimen Requirements:

Submit only 1 of the following specimens:

Preferred:

Specimen Type: Bone marrow

Container/Tube:

Preferred: Yellow top (ACD)

Acceptable: Green top (sodium heparin), lavender top (EDTA)

Specimen Volume: 1 to 2 mL

Collection Instructions: Invert several times to mix bone marrow.

Acceptable:

Specimen Type: Blood

Container/Tube:

Preferred: Yellow top (ACD)

Acceptable: Green top (sodium heparin), lavender top (EDTA)

Specimen Volume: 6 mL

Collection Instructions: Invert several times to mix blood.

Forms:

If not ordering electronically, complete, print, and send a [Hematopathology/Cytogenetics Test Request](#) (T726) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HOLDC	CG763	Reason for Referral	Plain Text	Yes
HOLDC	CG764	Specimen	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
52290	Result Summary	Alphanumeric		50397-9
52292	Interpretation	Alphanumeric		69965-2
CG763	Reason for Referral	Alphanumeric		42349-1
CG764	Specimen	Alphanumeric		31208-2
52293	Source	Alphanumeric		31208-2
55267	Requested FISH Test	Alphanumeric		48767-8
52295	Method	Alphanumeric		85069-3
54639	Additional Information	Alphanumeric		48767-8
52296	Released by	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

See Individual Components

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
CHRBM	Chromosomes, Hematologic, BM	1	88237	No	Yes
CHRHB	Chromosomes, Hematologic, Blood	1	88237	No	Yes
_ML20	Metaphases, 1-19	1	88264	No	No, (Bill Only)
_M25	Metaphases, 20-25	1	88264	No	No, (Bill Only)
_MG25	Metaphases, >25	1	88264	No	No, (Bill Only)
_STAC	Ag-Nor/CBL Stain	1	88283	No	No, (Bill Only)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CHRBM	52358	Result Summary	Alphanumeric		50397-9
CHRBM	52360	Interpretation	Alphanumeric		69965-2
CHRBM	52359	Result	Alphanumeric		33893-9
CHRBM	CG774	Reason for Referral	Alphanumeric		42349-1
CHRBM	52361	Specimen	Alphanumeric		31208-2
CHRBM	52362	Source	Alphanumeric		31208-2
CHRBM	52364	Method	Alphanumeric		85069-3
CHRBM	52363	Banding Method	Alphanumeric		62359-5
CHRBM	54629	Additional Information	Alphanumeric		48767-8
CHRBM	52365	Released By	Alphanumeric		18771-6
CHRHB	52391	Result Summary	Alphanumeric		50397-9
CHRHB	52393	Interpretation	Alphanumeric		69965-2
CHRHB	52392	Result	Alphanumeric		82939-0
CHRHB	CG778	Reason for Referral	Alphanumeric		42349-1
CHRHB	52394	Specimen	Alphanumeric		31208-2
CHRHB	52395	Source	Alphanumeric		31208-2
CHRHB	52397	Method	Alphanumeric		85069-3
CHRHB	52396	Banding Method	Alphanumeric		62359-5
CHRHB	54633	Additional Information	Alphanumeric		48767-8
CHRHB	52398	Released By	Alphanumeric		18771-6

Reference Values:

Not applicable