MAYO CLINIC
Mayo Medical Laboratories

REPORTING CHANGE
NOTIFICATION DATE: April 24, 2012
EFFECTIVE DATE: May 22, 2012

Mayo Stratification for Myeloma and Risk-Adapted Therapy Report

Test ID: SMART
Secondary ID: 89537

EXPLANATION: The testing algorithm for the SMART (Mayo Stratification for Myeloma and Risk-Adapted Therapy Report) testing will be changing. Plasma Cell Labeling Index Profile (PCLIP) will become obsolete and be replaced with Plasma Cell DNA Content and Proliferation, Bone Marrow (PCPRO). Specimen requirements, CPT codes and fee will change.

CURRENT ALGORITHM:

Profile Information

Test ID	Reporting Name	Available Separately	Always Performed
MBM	Chromosomes, mSMART Eval, Marrow	No	Yes
FPCPD	Plasma Cell Prolif Disorder, FISH	Yes	Yes

Additional Tests

Test ID	Reporting Name	Available Separately	Always Performed
PCLIP	Plasma Cell Labeling Index Profile	No	Yes

Reflex Tests

Test ID	Reporting Name	Available Separately	Always Performed
PCLIC	PCLI Consultant	No	No

NEW ALGORITHM:

Profile Information

Test ID	Reporting Name	Available Separately	Always Performed
MBM	Chromosomes, mSMART Eval, Marrow	No	Yes
FPCPD	Plasma Cell Prolif Disorder, FISH	Yes	Yes

Additional Tests

Test ID	Reporting Name	Available Separately	Always Performed
PCPRO	Plasma Cell DNA Content and Proliferation, Bone Marrow	Yes	Yes
88465	Flow Cytometry Interp, 2-8 Markers	No (Bill Only)	Yes

CURRENT SPECIMEN REQUIREMENTS:

Two bone marrow specimens are required and must arrive within 72 hours of collection.

- **Container/Tube:**
  Preferred: mSMART Collection Kit (Supply T648)
  Acceptable: Plasma Cell Labeling Kit (Supply T209) **and** green top (sodium heparin) tube
  Specimen Volume: 2-3 mL aspirate **and** 3 mL redirect aspirate

NEW SPECIMEN REQUIREMENTS:

- **PCPRO**
  Specimen Type: Redirected bone marrow
  Preferred: Yellow top (ACD solution B)
  Acceptable: EDTA, Heparin
  Specimen Volume: 4 mL

- **Chromosome Analysis and PCPD FISH Testing**
  Specimen Type: Redirected bone marrow
  Container/Tube: Green-top (sodium heparin)
  Specimen Volume: 2 mL
  Collection Instructions: Other anticoagulants are not recommended and are harmful to the viability of the cells

CURRENT CPT CODES:

Chromosomes, mSMART Evaluation, Bone Marrow
88237-Tissue culture for bone marrow
88264-Chromosome analysis, hematologic disorders
88291-Interpretation and report

Plasma Cell Proliferative Disorder (PCPD), FISH
88240-Cryopreservation, freezing and storage of cells
88271 x 12-DNA probe, each
88275 x 2-Interphase in situ hybridization
88291-Interpretation and report

Plasma Cell Labeling Index (PCLI) Profile
88184-Flow cytometry, cell surface, cytoplasmic
88185 x 5-Each additional marker
88187-Flow cytometry, interpretation; 2 to 8 markers
85097-PCLI consultant (if appropriate)
88346 x 2-Immunofluorescent study (if appropriate)

NEW CPT CODES:

Chromosomes, mSMART Evaluation, Bone Marrow
88237-Tissue culture for bone marrow
88264-Chromosome analysis, hematologic disorders
88291-Interpretation and report

Plasma Cell Proliferative Disorder (PCPD), FISH
88240-Cryopreservation, freezing and storage of cells
88271 x 12-DNA probe, each
88275 x 2-Interphase in situ hybridization
88291-Interpretation and report

Plasma Cell Proliferation, Marrow
88184-Flow cytometry; first cell surface, cytoplasmic or nuclear marker
88185- Flow cytometry; additional cell surface, cytoplasmic or nuclear marker (each)
88182-Flow cytometry, cell cycle or DNA analysis
88187-Flow Cytometry Interpretation, 2 to 8 Markers

CURRENT LIST FEE:
$1906.40
The following test(s) will be added at an additional charge:
$388.10 for #84376 "Plasma Cell Labeling Index (PCLI) Profile"

$2,294.50 = Total List Fee

The following test(s) may be added per the testing algorithm:
$96.40 for #84380 "Plasma Cell Labeling Index Consultant"

NEW LIST FEE:
$1906.40
The following test(s) will be added at an additional charge:
$388.00 for #61654 "Plasma Cell DNA Content and Proliferation, Bone Marrow"
$84.80 for #88465 “FLOW Cytometry, 2-8 Marker”

$2,379.20 = Total List Fee

NOTE: Effective with this change, all orders placed for this test must be submitted in the alpha-numeric character Test ID format instead of the numeric Secondary ID. Please review Test Set-Up information at http://www.mayomedicallaboratories.com/test-notifications/index.html

QUESTIONS: Contact your Mayo Medical Laboratories’ Regional Manager or
Marvin H. Anderson, Jr., MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710