

Multiple Myeloma Minimal Residual Disease by Flow, Bone Marrow

Test ID: MRDMM

Explanation: Ordering guidance has been updated to clarify that MRDMM should not be ordered on known relapsing or diagnostic specimens. Result codes have been updated to add information about sample integrity and validity of the minimal residual disease (MRD) results. Percent B-cell precursors and percent mast cells may indicate if the specimen is hemodilute or unsuitable for MRD testing. Validated assay sensitivity, LLOQ, and LOQ result fields will allow the provider to understand exactly how many events were considered in the determination of MRD clonality.

Current Ordering Guidance	New Ordering Guidance
MRDMM should be ordered when monitoring Multiple Myeloma patients after treatment. This test should not be ordered on known relapsing patients or at diagnosis, see PCPRO / Plasma Cell DNA Content and Proliferation, Bone Marrow or MSMRT / Mayo Algorithmic Approach for Stratification of Myeloma and Risk-Adapted Therapy Report if indicated for these situations.	<p>This test should be ordered on patients treated for multiple myeloma to confirm remission has been achieved, annual follow-up of those in remission, or in uncertain remission.</p> <p>This test should not be ordered on known relapsing patients or at diagnosis. For these situations or if fluorescence in situ hybridization is requested, order either PCPRO / Plasma Cell DNA Content and Proliferation, Bone Marrow or MSMRT / Mayo Algorithmic Approach for Stratification of Myeloma and Risk-Adapted Therapy Report, Bone Marrow</p>

Current Result Codes		New Result Codes	
Result ID	Reporting Name	Result ID	Reporting Name
CK146	% Minimal Residual Disease (MRD)	CK146	% Minimal Residual Disease (MRD)
CK147	% Normal Plasma Cells (of total PC)	CK147	% Normal Plasma Cells (of total PC)
CK148	Non-Aggregate Events	CK148	Non-Aggregate Events
CK149	Total Plasma Cell Events	CK149	Total Plasma Cell Events
CK150	Poly PC Events	CK150	Poly PC Events
CK151	Abnormal PC Events	CK151	Abnormal PC Events
CK152	Final Diagnosis	615796	% B-cell Precursors
		615797	% Mast Cells
		616082	Validated Assay Sensitivity
		616083	Lower Limit of Quantitation (LLOQ)
		615798	Patient / Sample Theoretical LOQ
		CK152	Final Diagnosis

Questions

Contact Connie Penz, Laboratory Technologist Resource Coordinator at 800-533-1710.