

Multiple Myeloma Profile by FISH

Order Name: **MULT MYEL**

Test Number: 9115585

Revision Date: 10/01/2024

TEST NAME	METHODOLOGY	LOINC CODE
Multiple Myeloma Profile by FISH	Fluorescence in Situ Hybridization	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	5 mL (1 mL)	Bone Marrow	Sodium Heparin (Green Top, No-Gel)	Room Temperature
Alternate 1	5 mL (3 mL)	Whole Blood	Sodium Heparin (Green Top, No-Gel)	Room Temperature
Instructions	Send specimen ASAP, Keep at room temperature! (DO NOT FREEZE). Frozen samples will be rejected.			

GENERAL INFORMATION	
Testing Schedule	Mon-Fri
Expected TAT	3-5 Days
Clinical Use	Multiple Myeloma (MM) is characterized by the proliferation of malignant monoclonal plasma cells in the bone marrow. In most cases, there is low proliferation index of terminally different malignant plasma cells. As a result, conventional cytogenetic analysis frequently yields normal results. The most frequent abnormalities with prognostic association have been included in this panel: [TP53 deletion, 1p deletion, 1q gain, t(4;14); IGH::FGFR3 fusion, t(14;16);IGH::MAF fusion, t(14;20);IGH::MAFB, t(11;14)IGH::CCND1, and t(14;20);IGH::MAFB]. Interphase FISH studies can enhance the detection rate and complement conventional cytogenetic techniques.
Notes	Tricore test code: FMM
CPT Code(s)	88377x6
Lab Section	Reference Lab