



MEMORANDUM

To: Dermatology and Oncology Clients

From: Sonya Bruening, MLT(AMT), Manager of Flow Cytometry
Adam Hoffhines, M.D., Ph. D., Chief of Flow Cytometry

Date: October 7, 2019

Subject: New Peripheral Blood Flow Cytometry Order for Mycosis Fungoides Staging

Regional Medical Laboratory (RML) and Pathology Laboratory Associates (PLA) are pleased to announce the creation of a new order for detection of mycosis fungoides (MF) tumor cells in peripheral blood by flow cytometry. This new orderable will specifically report the following:

- Presence or absence of an atypical T-cell population
- Absolute and relative number of T cells that are CD4+/CD26-
- Absolute and relative number of T cells that are CD4+/CD7-
- CD4:CD8 T-cell ratio

This reporting format was developed with input from an MF expert at MD Anderson and will allow for further staging ('B' rating) of MF patients.

The test information can be found in the table below:

TEST NAME	Peripheral Blood for Mycosis Fungoides by Flow
TEST CODE	5582601
TEST MNEMONIC	Mycosis Flow
CPT CODE	88184 88185 X 18 88187
SPECIMEN REQUIREMENTS	EDTA Whole Blood (Lavender top tube) Single container – 1.0 mL minimum Do NOT centrifuge or refrigerate. Collect Monday through Friday only.
STABILITY	48 hours room temperature. Deliver to lab ASAP
TAT	Monday – Friday, 1-2 days after set-up

Please contact Sonya Bruening, Manager of Flow Cytometry at 918-744-2500 ext. 18213 or Adam Hoffhines, M.D., Ph.D. at 918-744-2553 with any questions regarding this new orderable.