

Flow Cytometry Order Management

Flow Cytometry Used for the diagnosis, classification, prognosis, and detection of hematologic malignancies

Flow Cytometry Patient Orders Orders are placed in EPIC by the physician or nursing staff

Placing Flow Cytometry orders in the LIS Laboratory Specimen Processor or Outpatient Processor will receive Flow Cytometry orders in Sunquest and will process samples for send out to SMCS Flow Cytometry

Testing Location All Flow Cytometry orders are sent to SMCS Flow Cytometry. For questions/issues contact number is 916-887-1023

Sunquest Tracking Templates Once Flow Cytometry tests are received in Sunquest, the following tracking lists below created and printed for sample transportation:

- RVGNFL

Courier Service Accurate Courier contact number is 866-505-1465

Priority of Flow Cytometry tests Samples for Flow Cytometry are considered labile. Samples/Orders must be processed and sent to SMCS Flow Cytometry with the next routine courier. Samples for Flow Cytometry that are received after 1530 should be sent to SMCS via STAT Courier.

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Flow Cytometry Order Management, Continued

Flow Cytometry Test Directory The Lexicomp online Test Directory contains pertinent information related to Flow Cytometry testing including the order code, individual tests, specimen requirements, rejection criteria, etc

Flow Cytometry Specimen Types Flow Cytometry test can be ordered and performed on following the specimen types:

- Bone Marrow
- Blood
- Tissue
- Body Fluids (including CSF fluid)

Ordering Flow Cytometry

Test Order or Diagnosis	Specimen Type	Sunquest Test Code
<ul style="list-style-type: none"> • Acute leukemia Panel • AML Panel • Chronic Myelogenous Leukemia Panel • CML Panel • Leukemia Panel 	<ul style="list-style-type: none"> • Bone Marrow • Blood • Tissue • Body Fluids 	ALCS
<ul style="list-style-type: none"> • Bone Marrow Screen • Myelodysplastic Syndrome Panel • MDS Panel • Flow Cytometry Study • Anemia 	<ul style="list-style-type: none"> • Bone Marrow • Blood • Tissue • Body Fluids 	BMFS
<ul style="list-style-type: none"> • Chronic Lymphocytic Leukemia Panel • CLL Panel • Hairy Cell Leukemia Panel 	<ul style="list-style-type: none"> • Bone Marrow 	CLLBM

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Flow Cytometry Order Management, Continued

**Ordering Flow
Cytometry,
Cont.**

Test Order or Diagnosis	Specimen Type	Sunquest Test Code
<ul style="list-style-type: none"> • Lymphoma Panel • Non-Hodgkin, B-Cell Lymphoproliferative Disorder study • Hodgkin’s Lymphoma Panel • T-Cell Lymphoma Panel • Burkitt’s Lymphoma Panel • Large Granular Lymphocytic Leukemia • LGL 	<ul style="list-style-type: none"> • Blood • Fluid 	TTNB
<ul style="list-style-type: none"> • Lymphoma Panel • Non-Hodgkin, B-cell Lymphoproliferative Disorder Study • Hodgkin’s Lymphoma Panel • T-cell Lymphoma Panel • Burkitt’s Lymphoma Panel 	<ul style="list-style-type: none"> • Tissue 	TTNBTS
<ul style="list-style-type: none"> • Myeloma Panel • Multiple Myeloma Panel • Monoclonal Gammopathy Study • MGUS • Waldenstrom’s Macroglobulinemia Study 	<ul style="list-style-type: none"> • Bone Marrow • Blood • Tissue • Body Fluids 	MYEPNL

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Flow Cytometry Order Management, Continued

Ordering Flow Cytometry, Cont

Test Order or Diagnosis	Specimen Type	Sunquest Test Code
<ul style="list-style-type: none"> • CD4 Panel • CD4 	<ul style="list-style-type: none"> • Blood 	MECD4P
<ul style="list-style-type: none"> • CD4/CD8 Panel • CD4/CD8 Ratio 	<ul style="list-style-type: none"> • Blood 	MECD48
<ul style="list-style-type: none"> • T Cell Subsets 	<ul style="list-style-type: none"> • Blood 	METCEL

Send Out to SMCS Flow Cytometry

The following items must be in the specimen bag when sending to SMCS Flow Cytometry:

- Copy of requisition order form
- Patient specimen
- Tracking list
- Patient Demographics (Face Sheet)
- Intergraded Oncology requisition

Reminders and Tips

- Inpatient and Outpatient specimen processors can process Flow Cytometry orders
- Flow Cytometry orders can be placed on various sources including Body Fluids
- Flow Cytometry orders are processed and sent to SMCS Flow Cytometry with the next routine courier
- Specimen Processors must be able to differentiate between a Flow Cytometry fluid order (sent to SMCS Flow Cytometry) and a Cytology fluid order (sent to Pathology). Orders must be processed correctly
- Specimen processors must use the correct tracking code template for the various Flow Cytometry test codes
- If Cytogenetics orders are included, refer to Integrated Oncology /Genzyme binder for additional processing steps
- Prior to placing tracking list/sample in the courier bin:
 - Specimen processors must check the tracking list to ensure that the patient order appears on the tracking list
 - Specimen Processor must ensure that the patient's specimen accompanies the tracking list
 - Specimen Processor places both tracking list, requisition order form, and specimen in the specimen transport bag

End