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**Reporting Title:** CLL, Diagnostic FISH**Performing Location:** Rochester**Ordering Guidance:**

This test is intended for instances when the entire chronic lymphocytic leukemia (CLL) fluorescence in situ hybridization (FISH) panel is needed.

If a paraffin-embedded tissue sample is received, this test will be canceled and automatically reordered by the laboratory as SLL / Small Lymphocytic Lymphoma, FISH, Tissue.

**Shipping Instructions:**

Advise Express Mail or equivalent if not on courier service.

**Necessary Information:**

A reason for testing and a flow cytometry and/or a bone marrow pathology report are requested with each specimen.

The laboratory will not reject testing if this information is not provided; however, appropriate testing and/or interpretation may be compromised or delayed in some instances. If not provided, an appropriate indication for testing may be entered by Mayo Clinic Laboratories.

**Specimen Requirements:**

Submit only 1 of the following specimens:

Preferred:

Specimen Type: Blood

Container/Tube:

Preferred: Yellow top (ACD)

Acceptable: Green top (heparin) or lavender top (EDTA)

Specimen Volume: 6 mL

Collection Instructions:

1. Invert several times to mix blood.
2. Send whole blood in original tube. Do not aliquot.

Acceptable:

Specimen Type: Bone marrow

Container/Tube:

Preferred: Yellow top (ACD)

Acceptable: Green top (heparin) or lavender top (EDTA)

Specimen Volume: 2 to 3 mL

Collection Instructions:

1. It is preferable to send the first aspirate from the bone marrow collection.
2. Invert several times to mix bone marrow.
3. Send bone marrow in original tube. Do not aliquot.

**Specimen Minimum Volume:**

Blood: 2 mL; Bone marrow: 1 mL

**Forms:**

If not ordering electronically, complete, print, and send a Hematopathology/Cytogenetics Test Request (T726) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		

**Ask at Order Entry (AOE) Questions:**

Test ID	Question ID	Description	Type	Reportable
CLLDF	GC088	Reason for Referral	Plain Text	Yes
CLLDF	GC089	Specimen: <ul style="list-style-type: none"><li>• Whole Blood ACD</li><li>• Bone Marrow ACD</li><li>• Whole Blood Na Hep</li><li>• Bone Marrow Na Hep</li><li>• Whole Blood EDTA</li><li>• Bone Marrow EDTA</li></ul>	Answer List	Yes

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
610714	Result Summary	Alphanumeric		50397-9
610715	Interpretation	Alphanumeric		69965-2
610716	Result Table	Alphanumeric		93356-4
610717	Result	Alphanumeric		62356-1
GC088	Reason for Referral	Alphanumeric		42349-1
GC089	Specimen	Alphanumeric		31208-2
610718	Source	Alphanumeric		31208-2
610719	Method	Alphanumeric		85069-3
610720	Additional Information	Alphanumeric		48767-8

Result ID	Reporting Name	Type	Unit	LOINC®
610721	Disclaimer	Alphanumeric		62364-5
610722	Released by	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

88271x12, 88275x6, 88291-FISH Probe, Analysis, Interpretation; 6 probe sets  
88271x2, 88275-FISH Probe, Analysis; each additional probe set (if appropriate)

**Reflex Tests:**

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CLLDB	Probe, Each Additional (CLLDF)			No	No (Bill Only)

**Reference Values:**

An interpretive report will be provided.