

## Acute Myeloid Leukemia (AML), FISH, Pediatric, Varies

**Test ID:** AMLPF

### Explanation:

Effective on the date indicated, the current Acute Myeloid Leukemia FISH assay for pediatric patients will become obsolete. The performing laboratory is implementing an updated panel, which is the recommended alternative test detailed below.

### Recommended Alternative Test:

## Pediatric Acute Myeloid Leukemia Panel, FISH, Varies

**Test ID:** AMLFP

### Methodology:

Fluorescence In Situ Hybridization (FISH)

### Reference Values:

An interpretive report will be provided.

### Specimen Requirements:

Submit only 1 of the following specimens:

#### Preferred Specimen

**Type:** Bone Marrow

#### Container/Tube:

**Preferred:** Yellow top (ACD)

**Acceptable:** Green top (sodium 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.

**Minimum Volume:** 1 mL

**Acceptable Specimen****Type:** Whole blood**Container/Tube:****Preferred:** Yellow top (ACD)**Acceptable:** Green top (sodium 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.**Minimum Volume:** 2 mL**Specimen Stability Information:**

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

**CPT Code:**

88271x22, 88275x11, 88291 x1-FISH Probe, Analysis, Interpretation; 11 probe sets  
88271x2, 88275x1-FISH Probe, Analysis; each additional probe set (if appropriate)

**Day(s) Performed:** Monday through Friday      **Report Available:** 7 to 10 days**Questions**

Contact Josh Couchene, Laboratory Resource Coordinator at 800-533-1710.