

AML, t(15-17) PML/RARA by FISH

Order Name: **AML 15-17**

Test Number: 9116025

Revision Date: 10/01/2022

| TEST NAME                      | METHODOLOGY                        | LOINC CODE |
|--------------------------------|------------------------------------|------------|
| AML, t(15-17) PML/RARA 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        | [ t(15;17)] Useful for diagnosing or excluding acute promyelocytic leukemia (AML M3) with the standard translocation. It will not detect variant translocations seen in AML M3, such as the t(11;17) or t(5;17). |
| CPT Code(s)         | 88377                                                                                                                                                                                                            |
| Lab Section         | Reference Lab                                                                                                                                                                                                    |