BCR/ABL Gene Rearrangement Quantitative by PCR

Order Name: **BCRABL PCR**
Test Number: 9101855
Revision Date: 10/01/2022

TEST NAME	METHODOLOGY	LOINC CODE
BCR/ABL Gene Rearrangement Quantitative by PCR	Polymerase Chain Reaction	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**5 mL (3 mL)**	**Whole Blood**	**EDTA (Lavender Top)**	**Refrigerated**

Instructions

For Best results: **Send specimens for testing ASAP.** Specimens not going to be tested immediately should be stored refrigerated, specimens kept at room temperature will degrade faster than those kept refrigerated. Frozen samples will be rejected.

CRITICAL: Do not open or share tube!

Stability: Ambient 1 day(s), Refrigerated 2 day(s), Frozen: Unacceptable.

GENERAL INFORMATION

Testing Schedule	Monday and Thursday
Expected TAT	Within 7 day(s)
Clinical Use	The bcr/abl rearrangement is detected in 90 to 95% of CML, some acute lymphocytic leukemia (ALL), and, rarely, in acute myelogenous leukemia (AML). Diagnose chronic myelogenous leukemia (CML) in the presence or absence of Philadelphia chromosome. Determine prognosis & relapse. Also used to identify acute lymphocytic leukemia (ALL) patients who have a Philadelphia chromosome.
Notes	The bcr/abl gene rearrangement is observed in CML, ALL, and AML. A negative result indicates fewer than 1 leukemic cell per 10,000 normal cells. This test detects only the bcr/abl translocation. It will not detect other translocations that may appear in the terminal phase of CML.
CPT Code(s)	81206, 81207, G0452-26 (can be a combination or all 3 codes)
Lab Section	Reference Lab