Test Definition: BCRAB

BCR/ABL, p210, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Chronic Myelogenous Leukemia (CML)

Reporting Title: BCR/ABL, p210, Quant, Monitor
Performing Location: Rochester

Specimen Requirements:

The following information is required:
1. Pertinent clinical history including if the patient has a diagnosis of CML or other bcr/abl-positive neoplasm
2. Date of collection
3. Specimen source (blood or bone marrow)

Forms:
1. Hematopathology Patient Information Sheet (Supply T676) in Special Instructions
2. If not ordering electronically, please submit a Hematopathology/Molecular Oncology Request Form (Supply T241) with the specimen.

Specimen must arrive within 72 hours of collection.

Submit only 1 of the following specimens:

Specimen Type: Whole blood
Container/Tube:
Preferred: Lavender top (EDTA)
Acceptable: ACD
Specimen Volume: 4 mL
Collection Instructions:
1. Invert several times to mix blood.
2. Send specimen in original tube.
3. Label specimen as blood.

Specimen Type: Bone marrow
Container/Tube:
Preferred: Lavender top (EDTA)
Acceptable: ACD
Specimen Volume: 3 mL
Collection Instructions:
1. Invert several times to mix bone marrow.
2. Send specimen in original tube.
3. Label specimen as bone marrow.

Specimen Type	Temperature	Time
Varies	Ambient (preferred)	72 hours
	Refrigerated	72 hours

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
BCRAB	MP003	Specimen Type	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MP003	Specimen Type	Alphanumeric		In Process
19598	Final Diagnosis:	Alphanumeric		34574-4

CPT Code: 1 × 81206

Reference Values:

The presence or absence of BCR/ABL mRNA (bcr/abl) fusion form producing the p210 fusion protein is reported. If positive, the level is reported as the ratio of bcr/abl (p210) to abl with conversion to a percentage (ie, bcr/abl (p210) as a percentage of total abl). The result is then converted to the international scale.