



Laboratory Service Manual

Lab Dept: Anatomic Pathology

Test Name: BCR-abl: PHILADELPHIA CHROMOSOME PCR, BLOOD

General Information

Lab Order Codes: BRCA

Synonyms: BCR abl Blood by PCR; Breakpoint Cluster Region (BCR) Analysis; BCR/abl t(9;22)

CPT Codes:

- 83891 – Isolation or extraction of highly purified nucleic acid
- 83898 x2 – Amplification of patient nucleic acid, single primer pair, each primer pair
- 83902 – Reverse transcription
- 83908 - Molecular diagnostics; signal amplification of patient nucleic acid, each nucleic sequence
- 83909 - Molecular diagnostics; separation and identification by high resolution technique

Test Includes: PCR testing of blood for BCR. An interpretive report of the findings will be issued.

Logistics

Test Indications: N/A

Lab Testing Sections: Anatomic Pathology - Sendouts

Referred to: University of Texas MD Anderson Cancer Center

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Monday – Thursday

Turnaround Time: 15 days



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Special Instructions: Specimens must be received at MD Anderson Monday – Thursday only. No deliveries will be accepted on weekends or holidays.

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 20 mL (Minimum: 10 mL) blood

Processed Volume: Same as Draw Volume

Collection: Routine venipuncture.

Special Processing: Lab Staff: **Do Not** centrifuge. Submit specimen in original collection container. Store at room temperature and ship on a cold pack. **Do Not** freeze. Specimens should be labeled with patient's full name, Date of birth, patient's University of Texas ID number (if registered through UTMDA Outreach department 1-900-315-8424), date and time of collection and initials of phlebotomist. Specimens can only be shipped Monday – Thursday. Ship FedEx priority overnight.

Patient Preparation: None

Sample Rejection: Frozen specimen, mislabeled or unlabeled specimens

Interpretive

Reference Range: An interpretive report will be sent.

Critical Values: N/A

Limitations: N/A

Methodology: Real Time PCR with Nested and Competitive AMP as appropriate.

Contraindications: N/A

References: University of Texas MD Anderson Cancer Center, January 2007

Updates: 1/12/2007: CPT updates