

Patient Name: Doe, John

DOB: 01/01/1950

Age: 56

SSN:

Gender: Male

Genzyme Specimen #: 60001234-06

Case #: 00001234

Date Collected: 8/9/2005 12:00:00 AM

Patient ID: 12340000

Date Received: 8/10/2005 11:19:58 AM

SAMPLE REPORT

Referring Physician: Jane Doe, M.D.
(555) 555-1212

Treating Physician:

Body Site:

Ethnicity:

Client Lab ID #:

Hospital ID #:0

Client Specimen ID:

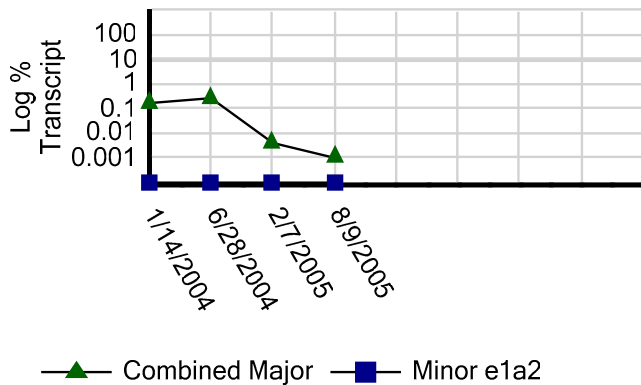
Specimen(s) Received: Blood

Clinical Data: Chronic Myeloid Leukemia

Results: Positive: Major breakpoint (0.001%)

INTERPRETATION: This result is consistent with CML.

BLOOD: BCR-ABL TRANSCRIPT



Graph not to temporal scale

Quantitative units: BCR-ABL transcript levels are reported as a ratio of fusion gene transcript to β -2-microglobulin reference gene transcript.

Please see historical data on page 2

COMMENT:

This test can detect the BCR-ABL translocations e13a2, e14a2, e1a2 to a sensitivity level of > 1 in 100,000 transcripts (0.001%). Alternative nomenclature is p210 for the major breakpoints (or b2a2 and b3a2 or e13a2 and e14a2, respectively) and p190 for the minor breakpoint (e1a2). All results should be considered in the context of the clinical status, as well as cytogenetic, histopathologic and immunophenotypic findings.

Electronically Signed By: Nicole Faulkner, Ph.D.

Date: 5/31/2006 3:04:59 PM

BCR-ABL Gene Rearrangement Quantitative RT-PCR Analysis

Patient Name: Doe, John

Genzyme Specimen #:60001234-06

Method: RNA is isolated from the sample provided, converted to cDNA using reverse transcriptase and amplified by real-time polymerase chain reaction (PCR) for the major and minor BCR-ABL fusion genes. Although molecular testing is highly accurate, rare diagnostic errors may occur due to such circumstances as genetic variants or blood transfusions.

References:

Goldman and Melo, 2003.NEJM 439:1451-64.

BLOOD: BCR-ABL TRANSCRIPT

Collection Date	Specimen #	Major e13a2	Major e14a2	Major combined	Minor e1a2
8/9/2005	60001234	0.001%	not detected	0.001%	not detected
2/7/2005	60001233	0.004%	not detected	0.004%	not detected
6/28/2004	60001232	0.259%	not detected	0.259%	not detected
1/14/2004	60001231	0.164%	not detected	0.164%	not detected

Quantitative units: BCR-ABL transcript levels are reported as a ratio of fusion gene transcript to β -2-microglobulin reference gene transcript.

Electronically Signed By: Nicole Faulkner, Ph.D.

Date: 5/31/2006 3:04:59 PM

Testing performed at 3400 Computer Drive, Westborough MA
01581 1-800-255-7357