

AWMGS Shire report template

All Wales Molecular Genetics Laboratory
Chronic myeloid leukaemia analysis

Report on : [REDACTED]

DoB : [REDACTED] Address : [REDACTED] Lab No : [REDACTED]
Sex : [REDACTED] NHS No : [REDACTED]
Sample type : [REDACTED] Hospital No : [REDACTED]
Date Rec'd : [REDACTED] Your ref : [REDACTED]
Date reported : [REDACTED] Alt Hosp No : [REDACTED]

Reason for Referral :
Quantitative BCR-ABL1 analysis.

Conclusion: BCR-ABL1/ABL1 ratio*S* is calculated to be 0.0090%.
This corresponds to a deep molecular response of MR 4.0.

The BCR-ABL1/ABL1 ratio*S* is calculated to be 0.0090%.

This indicates a continuing optimal response to treatment according to ELN guidelines (Blood 2013;122(6):872-884).

The sensitivity level for the sample is acceptable (ABL1 copy number: 417,000).

Please send the next sample in 3-6 months time.

Please refer to the graph printed overleaf.

Analysed by: [REDACTED] Checked by: [REDACTED]
Genetic Technologist Principal Clinical Scientist

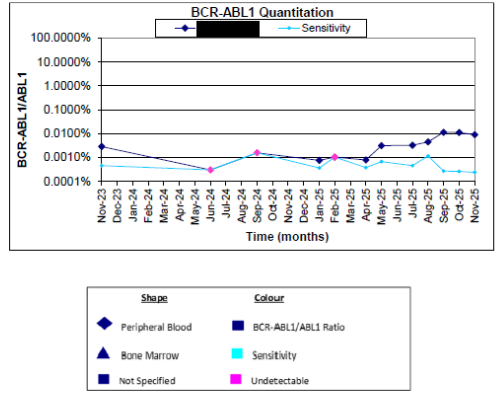
The BCR-ABL1/ABL1 quantitative polymerase chain reaction assay is performed on the Applied Biosystems TaqMan 7500 Fast Quantitative PCR (qPCR) system. A duplex assay is performed to calculate the BCR-ABL1/ABL1 ratio for patients with the e13a2 / e14a2 (p210) transcripts. Absolute quantification is performed using the ERM®-AD623 certified reference plasmid.

References:
Faroni L, et al. Guidelines for the measurement of BCR-ABL1 transcripts in chronic myeloid leukaemia. Br J Haematol. 2011 Apr;153(2):179-90.
Baccarani M, et al. European LeukemiaNet recommendations for the management of chronic myeloid leukemia. 2013. Blood. 2013 Aug 8;122(6):872-84

Copies to: Results are dependent on samples being correctly labelled and family relationships as indicated. Please note, any remaining DNA will be stored in the laboratory.

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Page 1 of 1



AWMGS GLIMS report template

AWMGS
All Wales Genomics Laboratory Report
M91 Acute Lymphoblastic Leukaemia

Requestor: [REDACTED] Patients Name: [REDACTED]
Please review copy of reports Date of Birth: [REDACTED]
Biological Sex: [REDACTED]

Reason for testing
Quantitative BCR::ABL1 analysis.

Result summary
Conclusion: BCR::ABL1/ABL1 ratio*S* is calculated to be 36%.

Interpretation
The presentation sample was analysed and the BCR::ABL1/ABL1 ratio*S* is calculated to be 36%. The sensitivity level for the sample is acceptable (ABL1 copy number: 175,000).

Follow-up
Please send the next sample at 3 months post treatment.

Laboratory No: [REDACTED] Date Sample Collected: [REDACTED]
Sample Type: [REDACTED] Date Sample Received: [REDACTED]
Sample Source: null

Page 1 of 3

Requestor: [REDACTED] Patients Name: [REDACTED]
Please review copy of reports Date of Birth: [REDACTED]
Biological Sex: [REDACTED]

Reported By: [REDACTED] Genetic Technologist
Authorised By: [REDACTED] Clinical Scientist Authorised Date: [REDACTED]

TECHNICAL INFORMATION

Test Methodology
The BCR::ABL1/ABL1 quantitative polymerase chain reaction assay is performed on the Applied Biosystems TaqMan 7500 Fast Quantitative PCR (qPCR) system. A duplex assay is performed to calculate the BCR::ABL1/ABL1 ratio for patients with the e13a2 / e14a2 (p210) transcripts. Absolute quantification is performed using the ERM®-AD623 certified reference plasmid.

References:
Faroni L, et al. Guidelines for the measurement of BCR::ABL1 transcripts in chronic myeloid leukaemia. Br J Haematol. 2011 Apr;153(2):179-90.
Hochhaus A, et al. European LeukemiaNet 2020 recommendations for treating chronic myeloid leukemia. Leukemia. 2020 Apr;34(4):966-984.

Laboratory No: [REDACTED] Date Sample Collected: [REDACTED]
Sample Type: [REDACTED] Date Sample Received: [REDACTED]
Sample Source: null

Page 2 of 3