

Minor BCR-ABL1 Quantification 192001

Issue date: 12 Sep 2019

Closing date: 11 Oct 2019

Results for mBCRQ 192001 can only be submitted via the following web entry pages.

Please do not start to complete this survey until you have all of your data ready to enter.

Please follow the following guidance:

- Any numerical fields must be completed using only decimal points to separate numbers, and not commas e.g. enter 6.3 not 6,3. Please do not enter symbols e.g. % into numerical fields.
- For your own records you may wish to document your results on the PDF version of the Survey Monkey hosted data entry pages, which can be found in the Minor BCR-ABL1 section of our UK NEQAS LI website (<http://www.ukneqasli.co.uk/eqa-pt-programmes/molecular-genetics-programmes/bcr-abl1-minor-quantification-pilot-not-accredited/>). You may also wish to print out or save a 'Print Screen' for each data entry page for your records, as you will not be able to access your results after you have completed your data entry submission.

Results for sample mBCRQ 120 and mBCRQ 121 will not be scored as this is a developmental pilot programme.

Repeat samples are available for all programmes. In the event that your local quality control (QC) criteria are not met please contact UK NEQAS LI as soon as possible. Please do not submit results based on a suboptimal extraction.

Requests for repeat samples should be made by email (admin@ukneqasli.co.uk). Should this not be possible please telephone our Administration team on the number provided below. Please make a repeat sample request as soon as possible. If following repeat sample(s) processing, results obtained still do not pass local internal QC please contact UK NEQAS LI.

Contact details

UK NEQAS LI, Pegasus House, 4th Floor, 463A Glossop Road, Sheffield, S10 2QD, UK.

Tel: +44 (0) 114 267 3600, Fax: +44 (0) 114 267 3601.

e-mail: admin@ukneqasli.co.uk

website: <http://www.ukneqasli.co.uk/>

Throughout the survey * denotes a mandatory field

* 1. 1. Participant ID

2. 2. In what context do you quantify minor transcript BCR-ABL1?

- Clinical: hospital affiliated
- Clinical: private
- Research: translational
- Research: clinical trials
- Pharmaceutical
- Biotechnology

3. What is the speciality of your laboratory (please select all that are appropriate)?

- Molecular Genetics
- Cytogenetics
- Haematology
- Histocompatibility and Immunogenetics
- Histology

Other (please specify)

4. In what disease(s) do you quantify minor transcript BCR-ABL1?

- Chronic Myeloid Leukemia
- Acute Lymphoblastic Leukemia

Minor BCR-ABL1 Results

* 5. Date samples received

Date / Time

DD/MM/YYYY

* 6. Date samples extracted

Date / Time

DD/MM/YYYY

* 7. % Ratio of BCR-ABL1/control gene for sample mBCRQ 120.

Please use number format with decimal point not commas e.g. 6.3 not 6,3.

Do not enter symbols e.g. %

* 8. % Ratio of BCR-ABL1/control gene for sample mBCRQ 121.

Please use number format with decimal point not commas e.g. 6.3 not 6,3.

Do not enter symbols e.g. %

Protocol information

* 9. Instrument manufacturer and model

- | | |
|--|--|
| <input type="radio"/> ABI 7000 | <input type="radio"/> Corbett RotorGene 6000 |
| <input type="radio"/> ABI 7300 | <input type="radio"/> Roche LC 1.2 |
| <input type="radio"/> ABI 7500 | <input type="radio"/> Roche LC 1.5 |
| <input type="radio"/> ABI 7500HT | <input type="radio"/> Roche LC 2.0 |
| <input type="radio"/> ABI 7700 | <input type="radio"/> Roche LC 96 |
| <input type="radio"/> ABI 7900 | <input type="radio"/> Roche LC 480 |
| <input type="radio"/> ABI 7900HT | <input type="radio"/> Qiagen Rotorgene |
| <input type="radio"/> ABI Step One | <input type="radio"/> Quantstudio Dx |
| <input type="radio"/> ABI ViiA-7 | <input type="radio"/> Stratagene Mx3005P |
| <input type="radio"/> ABI Step One Plus | <input type="radio"/> BioRad QX200 Droplet Digital PCR |
| <input type="radio"/> Biorad CFX96 | <input type="radio"/> Quantstudio 5 |
| <input type="radio"/> Cepheid Smartcycler | |
| <input type="radio"/> Other (please specify) | |

* 10. Control gene used

- | | |
|--|---|
| <input type="radio"/> ABL1 | <input type="radio"/> ABL1 & GUSB |
| <input type="radio"/> GUSB | <input type="radio"/> ABL1 & B2M |
| <input type="radio"/> G6PDH | <input type="radio"/> ABL1 & GUSB & B2M |
| <input type="radio"/> B2M | <input type="radio"/> HMBS (PBGD) |
| <input type="radio"/> Other (please specify) | |

* 11. Assay protocol

- | | |
|--|--|
| <input type="radio"/> In-house | <input type="radio"/> Roche Kit |
| <input type="radio"/> In-house (EAC) | <input type="radio"/> ABI Taqman Gene Expression Assay |
| <input type="radio"/> Qiagen (formerly Ipsogen) Fusion Quant Kit | <input type="radio"/> Onestep BCR-ABL p190 Elite MGB KIT |
| <input type="radio"/> Nanogen PCR Alert Kit | |
| <input type="radio"/> Other (please specify) | |

* 12. Material used for standard curve

- | | |
|--|--|
| <input type="radio"/> Qiagen (formerly Ipsogen) Fusion Quant standards | <input type="radio"/> AB Analytica |
| <input type="radio"/> In-house standards | <input type="radio"/> Onestep BCR-ABL p190 Elite MGB Standards |
| <input type="radio"/> In-house standards calibrated to Qiagen (formerly Ipsogen) standards | <input type="radio"/> ERM AD623 |
| <input type="radio"/> Nanogen Alert standards | <input type="radio"/> Wessex plasmid |
| <input type="radio"/> Mannheim standards | <input type="radio"/> N/A - DeltaCt method (no standard curve) |
| <input type="radio"/> Roche standards | <input type="radio"/> N/A - Digital PCR method (no standard curve) |
| <input type="radio"/> Molecular MD standards | |
| <input type="radio"/> Other (please specify) | |

Control Gene Q-PCR information

The following questions are in relation to your Control Gene Q-PCR

13. Slope value

14. Threshold

15. Number of points on standard curve

16. Number of replicates of each point on standard curve

17. Number of replicates for sample mBCRQ 120

18. Mean absolute control gene copy number for sample mBCRQ 120

19. Mean Ct value of control gene for sample mBCRQ 120

20. Number of replicates for sample mBCRQ 121

21. Mean absolute control gene copy number for sample mBCRQ 121

22. Mean Ct value of control gene for sample mBCRQ 121

mBCR QPCR information

The following questions are in relation to your mBCR Q-PCR

23. Slope value

24. Threshold

25. Number of points on standard curve

26. Number of replicates of each point on standard curve

27. Number of replicates for sample mBCRQ 120

28. Mean absolute mBCR copy number for sample mBCRQ 120

29. Mean Ct value of mBCR for sample mBCRQ 120

30. Number of replicates for sample mBCRQ 121

31. Mean absolute mBCR copy number for sample mBCRQ 121

32. Mean Ct value of mBCR for sample mBCRQ 121

Reference(s)

Journal Reference for Assay

* 33. Please tick assay reference(s) used

- Gabert et al. (2003) Leukemia 17, 2318-2357
- Beillard et al. (2003) Leukemia 17, 2474-2486
- Baccarani et al. (2013) Blood 122 (6), 872-84
- Van Dongen et al. (1999) Leukemia 13, 1901-1928
- Foroni et al. (2009) Am J Hema 84, 517-522
- Foroni et al. (2011) BJH 153 (2), 179-190
- Gruber et al. (2005) Leukemia 19, 2159-65
- Emig et al. (1999) Leukemia 13 (11), 1825-1832
- Mensink et al. (1998) BJH 102 (3), 768-774
- Hochhaus et al. (2002) Leukemia 16, 2190-2196
- In-house (no published reference available)
- Other (please specify)

* 34. Please tick the reference(s) and trial protocol(s) used to report minor BCR-ABL1 quantification results to clinicians

- Gabert et al. (2003) *Leukemia* 17, 2318-2357
- Baccarani et al. (2013) *Blood* 122(6), 872-84
- Foroni et al. (2011) *BJH* 153, 179-190
- Beillard et al. (2003) *Leukemia* 17, 2474-2486
- van der Velden et al. (2007) *Leukemia* 17, 604-611
- Emig et al. (1999) *Leukemia* 13 (11), 1825-1832
- Cross et al. (2015) *Leukemia* doi: 10.1038/leu.2015.29
- Cross et al. (2012) *Leukemia* 26, 2172-5
- Thomas (2007) *Hematology Am. Soc. Hematol. Educ. Program* 2007, 435
- Catania et al. (2014) *Blood* 124 (21), 5528
- van Dongen et al. (1999) *Leukemia*. 13(12):1901-28
- Moppett et al. (2003) *Leukemia* 17, 268-270
- Recommendations of the European Working Group for Adult ALL (2011) UNI-MED

Other (please specify)

Comments

35. Any further comments?

* 36. Participant ID

Important information

Thank you, you have now completed your results return for mBCRQ 192001.

PLEASE NOTE: This is your last opportunity to review your data before submitting it. You will not be able to return to this survey after you have selected the DONE button on the next page. If you wish to review the results you have entered please make use of the PREV button to review the information on previous pages.

For your own records you may wish to document your results on the PDF version of the Survey Monkey hosted data entry pages, which can be found in the Minor BCR-ABL1 section of our UKNEQAS LI website (<http://www.ukneqasli.co.uk/eqa-pt-programmes/molecular-genetics-programmes/bcr-abl1-minor-quantification-pilot-not-accredited/>).

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Results submission

Please select the DONE button to confirm your results for mBCRQ 192001 have now been successfully submitted to UK NEQAS LI.

We do not currently have the functionality to provide each participant with an additional results received receipt email or directly record successful Survey Monkey data submission on our own UK NEQAS LI website. For Survey Monkey hosted data submission the completed column on the UK NEQAS LI web page will be labelled as 'n/a' not applicable.