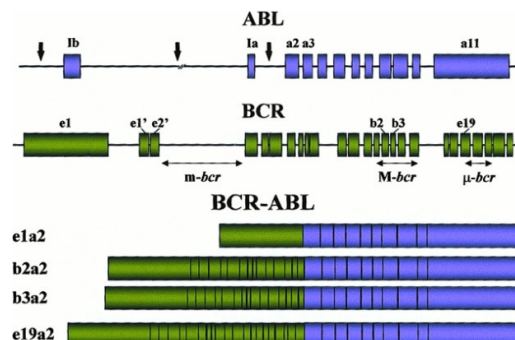


TRUPCR® BCR-ABL QT Kit

Detection, differentiation and quantification of BCR-ABL translocation by RQ-PCR

Test Overview

TRUPCR® BCR-ABL QT kit is a RT-qPCR test for the quantitative detection of BCR-ABL fusion transcripts in bone marrow or peripheral blood samples. The kit provides an advantage by detecting, differentiating and quantifying all the three breakpoint cluster regions i.e. major/P210 (M-bcr), minor/P190 (m-bcr) and micro/P230 (mu-bcr) in separate tubes, making it one of the most unique and comprehensive solution currently available.



Principle and Procedure:

It is a two-step protocol in which total RNA from patient's peripheral blood or bone marrow is isolated, the RT enzyme reverse transcribes total RNA and yields single-stranded cDNA. This is followed with real-time quantitative PCR amplification and quantification of BCR-ABL fusion transcripts and the ABL transcript. Three independent RT-qPCR reactions are performed to detect all the known fusion transcripts in separate tubes to differentiate, quantitate and report individual transcripts.

Key features:

- The kit is calibrated to report on International Scale using First **WHO International** Genetic Reference Panel for quantitation of BCR-ABL1 translocation by RQ-PCR (NIBSC code: 09/138) for harmonization of results among laboratories.
- The measuring standards of the kit are calibrated to **European reference material** ERM-AD623a-f, produced and certified under the responsibility of the Institute for Reference Materials and measurements of the European Commission's Joint Research Centre.
- The kit allows highly sensitive **deep molecular response** reporting based on European Treatment and Outcome Study (EUTOS) guidelines.
- Detection, differentiation and quantification of **all three Major, Minor and Micro transcripts**
- **All inclusive kit:** The Assay includes cDNA preparation components and all the PCR components including PCR Pre-mix / mastermix for optimized results. No need to standardize your own cDNA prep which may lead to variability in the results

Ordering information:

Cat. No.	Product	Contents
3B1205	TRUPCR® BCR-ABL Qualitative Kit – Major, Minor & Micro	48Rxn
3B1206	TRUPCR® BCR-ABL Qualitative Kit – Major, Minor & Micro	96Rxn
3B1203	TRUPCR® BCR-ABL Qualitative Kit– Major & Minor	48Rxn
3B1204	TRUPCR® BCR-ABL Qualitative Kit– Major & Minor	96Rxn
3B1201	TRUPCR® BCR-ABL Qualitative Kit– Major	48Rxn
3B1202	TRUPCR® BCR-ABL Qualitative Kit – Major	96Rxn
3B1257	TRUPCR® BCR-ABL Quantitative Kit – Major, Minor & Micro	48Rxn
3B1256	TRUPCR® BCR-ABL Quantitative Kit – Major, Minor & Micro	96Rxn
3B1253	TRUPCR® BCR-ABL Quantitative Kit– Major & Minor	48Rxn
3B1254	TRUPCR® BCR-ABL Quantitative Kit– Major & Minor	96Rxn
3B1251	TRUPCR® BCR-ABL Quantitative Kit– Major	48Rxn
3B1252	TRUPCR® BCR-ABL Quantitative Kit – Major	96Rxn

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For enquiries please email us at : info@3bblackbio.com Or

Visit us at www.3bblackbio.com