

gb ONCO BCR-ABL MINOR/ABL

Clinical implication

The BCR-ABL1 fusion gene in the rare MINOR variant occurs in patients with chronic myeloid leukemia (CML) and Ph+ acute lymphoblastic leukemia (ALL). Patient response to treatment as well as minimal residual disease is monitored by quantification of BCR-ABL1 transcript relative to control gene transcript (ABL1).

Principle of detection

Real-time PCR diagnostic kit enables detection and quantification of the MINOR transcript of e1a2 of the BCR-ABL1. The test is based on one-step RT-qPCR using fluorescently labeled probes. Quantification of both fusion and reference transcript (ABL1) is processed in one tube.

Available products

Cat. No.	Product	rxn
3247-048	gb ONCO BCR-ABL MINOR/ABL	48

1 kit contains reagents to provide 48 PCR reactions (25 µl volume of each reaction).

Parameters of the diagnostic kit

- *in-vitro* diagnostics
- detection in the FAM (BCR-ABL1) channel and HEX (ABL1) channel
- panel of standards and no template control included
- CE IVD marked

Content of the diagnostic kit

* Component	Conc.	Purpose
Assay BCR-ABL MINOR / ABL	3.13×	Detection assay
Master Mix BCR-ABL	2.08×	Master Mix
Standard 6 BCR-ABL MINOR	4×10 ⁵ cop/µl	Standard
Standard 5 BCR-ABL MINOR	4×10 ⁴ cop/µl	Standard
Standard 4 BCR-ABL MINOR	4×10 ³ cop/µl	Standard
Standard 3 BCR-ABL MINOR	4×10 ² cop/µl	Standard
Standard 2 BCR-ABL MINOR	4×10 ¹ cop/µl	Standard
Standard 1 BCR-ABL MINOR	4×10 ⁰ cop/µl	Standard
Deionized Water		Negative control

* Lid color



Validated for cyclers

- Rotor-Gene 3000 (Corbett Research)
- CFX96/CFX96 Touch (Bio-Rad)
- Light Cycler 480/Cobas z480 (Roche Diagnostics)
- ABI 7500 (Applied Biosystems)
- QuantStudio 5/7 (Applied Biosystems)

