gb ONCO BCR-ABL MINOR/ABL

Clinical implication

The BCR-ABL1 fusion gene in the rare MINOR variant occurs in patients with chronic myeoloid 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)**