gb ONCO BCR-ABL MICRO/ABL

Clinical implication

The BCR-ABL1 MICRO fusion gene is found in patients with neutrophilic-chronic myeloid leukemia (CML-N). Patient response to treatment as well as minimal residual disease is monitored through quantification of the BCR-ABL1 MICRO e19a2 (c3a2) transcript relative to the number of control transcript (ABL1).

Principle of detection

Real-time PCR diagnostic kit enables detection and quantification of the MICRO transcript of e19a2 (c3a2) 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
3248-048	gb ONCO BCR-ABL MICRO/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 MICRO / ABL	3.13×	Detection assay
🔵	Master Mix BCR-ABL	2.08×	Master Mix
🔴	Standard 6 BCR-ABL MICRO	4×10^{5} cop/µl	Standard
🔴	Standard 5 BCR-ABL MICRO	4×10^{4} cop/µl	Standard
🔴	Standard 4 BCR-ABL MICRO	4×10^{3} cop/µl	Standard
🔴	Standard 3 BCR-ABL MICRO	4×10^{2} cop/µl	Standard
🔴	Standard 2 BCR-ABL MICRO	4×10^{1} cop/µl	Standard
🔴	Standard 1 BCR-ABL MICRO	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)



