

PML-RAR α L Gene Quantification Kit (Fluorescent PCR Method)

Catalog Number: BDDK-HMM-0025

• Description

Acute promyelocytic leukemia (APL) is a specific type of acute myeloid leukemia (AML-M3 type), and the vast majority of patients have a specific chromosomal translocation t(15;17)(q22;q12), which forms the PML-RAR α fusion gene, and the protein product of which leads to blockage of cellular differentiation and insufficient apoptosis, which are the main molecular mechanisms of APL development. The PML-RAR α fusion gene is heterogeneous, and PML gene recombination occurs at different regions of breakpoint concentration, resulting in three isoforms, one in which PML Exon6 and RAR α Exon3 exons combine to form an L-type fusion gene (bcr1), a second in which PML Exon6 and RAR α Exon3 exons combine to form a V-type fusion gene (bcr2) and the third PML Exon6 and RAR α Exon3 exon combine to form an S-type fusion gene (bcr3). The PML-RAR α fusion gene has a high correlation with AML-M3 type, and the results of this fusion gene test are helpful in the diagnosis of AML-M3 type.



• Basic Information

Disease Type: Leukaemia

Sample Type: Peripheral blood

Detection Methods: Fluorescent PCR Method

• Applications

This test kit quantifies PML-RAR α fusion gene type L (bcr1) by fluorescence quantitative PCR.

• Specification

20 tests/box

• Storage & Transportation

-20°C