

IGH-MYC Dual Fusion/Translocation FISH Probe Kit

Introduction

The IGH-MYC Dual Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and *MYC* gene, located on chromosome bands 14q32.33 and 8q24.21, respectively. Rearrangements between the two regions have been observed in Burkitt's Lymphoma (BL) and other lymphomas and leukemias.

Intended Use

To detect rearrangements involving the human *IGH* locus and *MYC* gene located on chromosome bands 14q32.33 and 8q24.21, respectively.

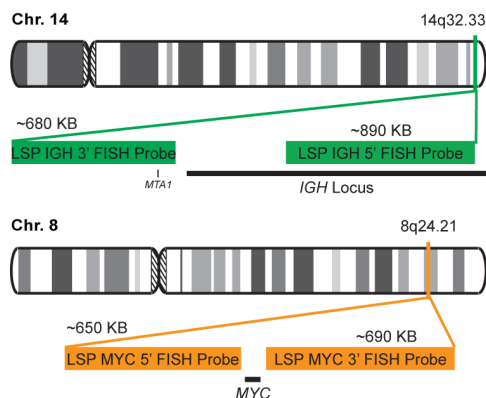
Cont.

Color

LSP IGH 5'-3' FISH Probe
LSP MYC 5'-3' FISH Probe

CytoGreen
CytoOrange

Probe Design



LSP IGH 5'-3' FISH Probe covers the 5' and the center sequences of the *IGH* locus, and it also covers the 3' (end) part and the neighboring downstream region. LSP MYC 5'-3' FISH Probe covers some genomic sequences downstream of the 5' (start) portion of the *MYC* gene, and it also covers the sequences adjacent to the 3' end of the gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.

Volume

CT-PAC223-10-GO

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G*

Abnormal Patterns

Other Patterns

*Overlapping orange and green signals can appear as yellow.

1) Depinho RA, et al. *Ann Clin Res.* 18(5-6):284-9 (1986).
2) Garte SJ. *Crit Rev Oncog.* 4(4):435-49 (1993).
3) Einerson RR, et al. *Leukemia.* 20:1790-9 (2006).
4) Le Gouill S, et al. *Haematologica.* 92(10):1335-42 (2007).
5) Blacato J, et al. *Br J Cancer.* 90(8):1612-9 (2004).

* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.