

IGH-MAF Dual Fusion/Translocation LR FISH Probe Kit

Introduction

The IGH-MAF Fusion/Translocation LR (long-range) FISH Probe Kit is designed to detect rearrangements involving the human IGH locus and MAF gene located on chromosome bands 14q32.33 and 16q23.2, respectively. IGH is also known as IGD1, IGH@, IGHJ, IGHV, IGHD@, IGHJ@, IGHV@, IGH.1@ or IGHDY1 and MAF is also known as CCA4, AYGRP, c-MAF or CTRCT21. Rearrangements between the two regions have been observed in multiple myeloma and other malignancies.

Intended Use

To detect rearrangements involving the human *IGH* locus and *MAF* gene located on chromosome bands 14q32.33 and 16q23.2, respectively.

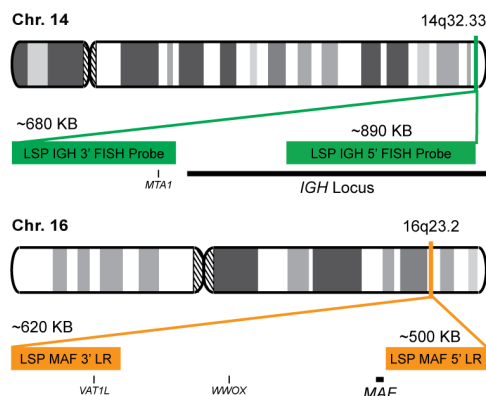
Cont.

Color

LSP IGH 5'-3' FISH Probe
LSP MAF 5'-3' LR 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 MAF 5'-3' LR FISH Probe covers some genomic sequences upstream of the 5' (start) portion of the *MAF* gene, and it also covers the sequences further downstream to the 3' end of the gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.

Volume

CT-PAC381-10-GO

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Nishizawa M, et al. *Proc Natl Acad Sci U S A*. 86(20):7711-5 (1989).
- 2) Chesi M, et al. *Blood*. 91(12):4457-63 (1998).
- 3) Tiedemann RE, et al. *Leukemia*. 22(5):1044-52 (2008).
- 4) Natkunam Y, et al. *Am J Clin Pathol*. 132(3):361-71 (2009).
- 5) van Stralen E, et al. *Exp Hematol*. 37(1):78-86 (2009).

* 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.

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