

## IGH-MAF Dual Fusion/Translocation FISH Probe Kit

### Introduction

The IGH-MAF Fusion/Translocation 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. 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.

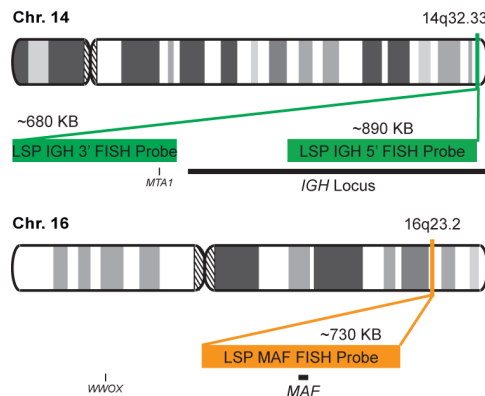
### Cont.

### Color

LSP IGH 5'-3' FISH Probe  
LSP MAF 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 FISH Probe covers a chromosomal region which includes the entire *MAF* gene. The probe set is optimized to reveal translocations between the two regions.

### Cat. No.

### Volume

CT-PAC310-10-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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