

# IGH-MYEOV Fusion/Translocation FISH Probe Kit

## Introduction

The IGH-MYEOV Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and *MYEOV* gene located on chromosome bands 14q32.33 and 11q13.3, respectively. Rearrangements between the two regions have been observed in multiple myeloma and other cancer types.

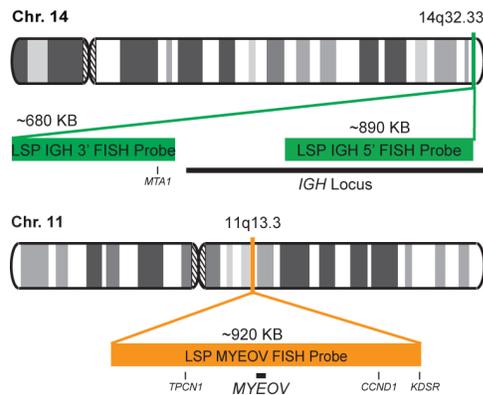
## Intended Use

To detect rearrangements involving the human *IGH* locus and the *MYEOV* gene located on chromosome bands 14q32.33 and 11q13.3, respectively.

Cont.	Color
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LSP IGH 5'-3' FISH Probe LSP MYEOV FISH Probe	CytoGreen CytoOrange
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## Probe Design



LSP IGH 5'-3' FISH Probe covers the 5' and the center sequences of the *IGH* locus; it also covers the 3' part and the neighboring downstream region. LSP MYEOV FISH Probe covers a chromosomal region which includes the entire *MYEOV* gene. The probe set is optimized to reveal translocations between the two regions.

Not to Scale

Cat. No.	Volume
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CT-PAC069-10-GO	10 Tests (100 µL)
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## Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
2O + 2G*	Other Patterns

\*Overlapping orange and green signals can appear as yellow.

- Janssen JW, et al. *Int J Cancer*. 102(6):608-14 (2002).
- Lawlor G, et al. *J Exp Clin Cancer Res*. 29:81 (2010).
- Moreaux J, et al. *Exp Hematol*. 38(12):1189-1198.e3 (2010).
- Sugahara K, et al. *Int J Oncol*. 39(4):761-9 (2011).
- Takita J, et al. *Cancer Sci*. 102(9):1645-50 (2011).



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\* 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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