

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.

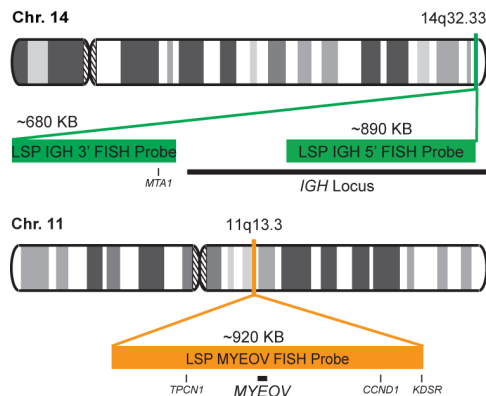
Intended Use

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



Not to Scale

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.

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

<u>Normal Pattern</u> 2O + 2G*	<u>Abnormal Pattern</u> 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.