

IGH-BCL6 Fusion/Translocation FISH Probe Kit

Introduction

The IGH-BCL6 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and *BCL6* gene, located on chromosome bands 14q32.33 and 3q27.3, respectively. Rearrangements between the two regions have been observed in B-cell lymphomas and leukemias.

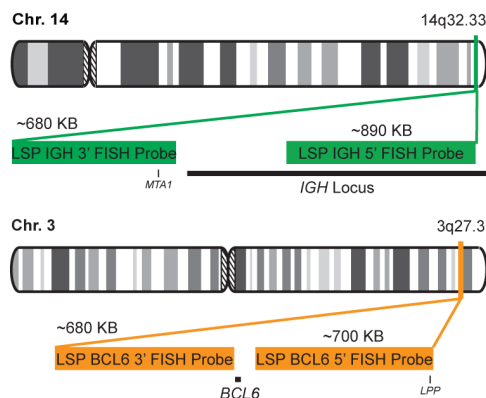
Intended Use

To detect rearrangements involving the human *IGH* locus and *BCL6* gene located on chromosome bands 14q32.33 and 3q27.3, respectively.

Cont.	Color
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LSP IGH 5'-3' FISH Probe	CytoGreen CytoOrange
LSP BCL6 5'-3' FISH Probe	

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 BCL6 5'-3' FISH Probe covers some genomic sequences upstream of the 5' (start) portion of the *BCL6* 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
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CT-PAC224-10-GO	10 Tests (100 µL)
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Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
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2O + 2G*	Other Patterns
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*Overlapping orange and green signals can appear as yellow.

- 1) Tarlinton DM. *Eur J Immunol.* 41(8):2148-51 (2011).
- 2) Wagner SD, et al. *Br J Haematol.* 152(1):3-12 (2011).
- 3) Walters MP, et al. *J Clin Pathol.* 64(10):866-9 (2011).
- 4) Akyurek N, et al. *Cancer.* 118(17):4173-83 (2012).
- 5) Basso K & Dalla-Favera R. *Immunol Rev.* 247(1):172-83 (2012).



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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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