

# IGH-BCL2 Fusion/Translocation FISH Probe Kit

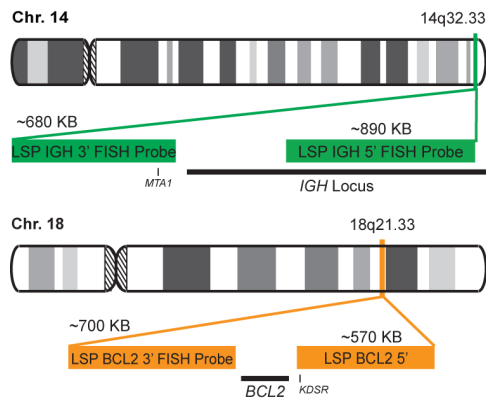
## Introduction

The IGH-BCL2 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and the *BCL2* gene, located on chromosome bands 14q32.33 and 18q21.33, respectively. Rearrangements between the two regions are routinely found in follicular lymphoma but also occur in many other hematological and solid cancer types.

Intended Use
To detect rearrangements involving the human <i>IGH</i> locus and <i>BCL2</i> gene located on chromosome bands 14q32.33 and 18q21.33, respectively.

Cont.	Color
LSP IGH 5'-3' FISH Probe LSP BCL2 5'-3' FISH Probe	CytoGreen CytoOrange

## Probe Design



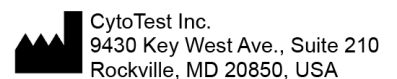
LSP IGH 5'-3' FISH Probe covers the 5' and the center sequences of the *IGH* locus, and it also covers the 3' (end) part and the neighboring downstream region. LSP BCL2 5'-3' FISH Probe covers some genomic sequences adjacent to the 5' (start) portion of the *BCL2* gene; it also covers sequences downstream of the 3' end of the gene. The probe set is optimized to reveal translocations between the two regions.

Not to Scale

Cat. No.	Volume
CT-PAC221-10-GO	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u> 2O + 2G*	<u>Abnormal Pattern</u> Other Patterns
*Overlapping orange and green signals can appear as yellow.	

- 1) Chao DT & Korsmeyer SJ. *Annu Rev Immunol.* 16:395-419 (1998).
- 2) Willis TG & Dyer MJ. *Blood.* 96(3):808-22 (2000).
- 3) Ngan BY, et al. *N Engl J Med.* 318(25):1638-44 (1988).
- 4) Einerson RR, et al. *Am J Clin Pathol.* 124(3):421-9 (2005).
- 5) Vaandrager JW, et al. *Genes Chromosomes Cancer.* 27(1):85-94 (2000).



\* 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.

**India Contact:**

**Life Technologies (India) Pvt. Ltd.**

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444  
Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)