

IGH-FGFR3 Fusion/Translocation FISH Probe Kit

Introduction

The IGH-FGFR3 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and *FGFR3* gene located on chromosome bands 14q32.33 and 4p16.3, respectively. Rearrangements between the two regions have been observed in multiple myeloma, cervical and bladder cancer and other malignancies.

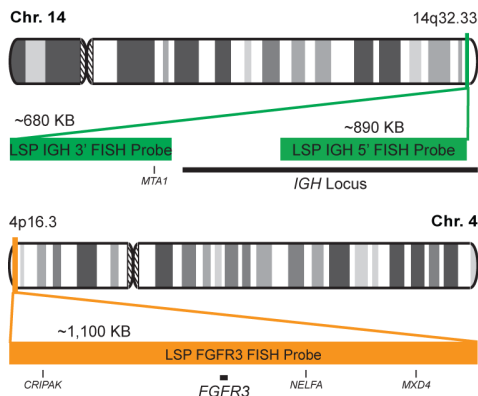
Intended Use

To detect rearrangements involving the human *IGH* locus and *FGFR3* gene located on chromosome bands 14q32.33 and 4p16.3, respectively.

Cont.	Color
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LSP IGH 5'-3' FISH Probe LSP FGFR3 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, and it also covers the 3' (end) part and the neighboring downstream region. LSP FGFR3 FISH Probe covers a chromosomal region which includes the entire *FGFR3* gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.	Volume
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CT-PAC309-10-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.

- O'Connor C. *Nature Education*. 1(1):171 (2008).
- Rousseau F, et al. *Nature*. 371(6494):252-4 (1994).
- Webster MK & Donoghue DJ. *Trends Genet*. 13(5):178-82 (1997).
- Chesi M, et al. *Nat Genet*. 16(3):260-4 (1997).
- Richelda R, et al. *Blood*. 90(10):4062-70 (1997).



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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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