

IGH-CCND1 Fusion/Translocation FISH Probe Kit

Introduction

The IGH-CCND1 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and *CCND1* gene located on chromosome bands 14q32.33 and 11q13.3, respectively. Rearrangements between the two regions have been observed in several types of hematological malignancies

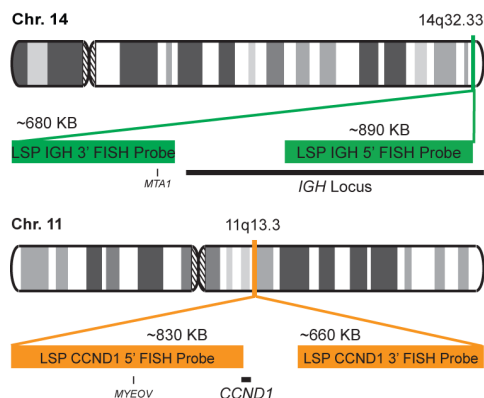
Intended Use

To detect rearrangements involving the human *IGH* locus and *CCND1* gene located on chromosome bands 14q32.33 and 11q13.3, respectively.

Cont.	Color
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LSP IGH 5'-3' FISH Probe LSP CCND1 5'-3' 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 CCND1 5'-3' FISH Probe covers some genomic sequences adjacent to the 5' (start) portion of the *CCND1* 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.

Cat. No.	Volume
CT-PAC222-10-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) Siegert JL, et al. *Oncogene*. 19(50):5703-11 (2000).
- 2) Motokura T, et al. *Nature*. 350(6318):512-5 (1991).
- 3) Rimokh R, et al. *Blood*. 83(12):3689-96 (1994).
- 4) Brizard F, et al. *Leuk Lymphoma*. 25(5-6):539-43 (1997).
- 5) Fonseca R, et al. *Leukemia*. 23(12):2210-21 (2009).



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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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