CytoTest®

Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

IGH-CCND3 Dual Fusion/Translocation FISH Probe Kit

Introduction

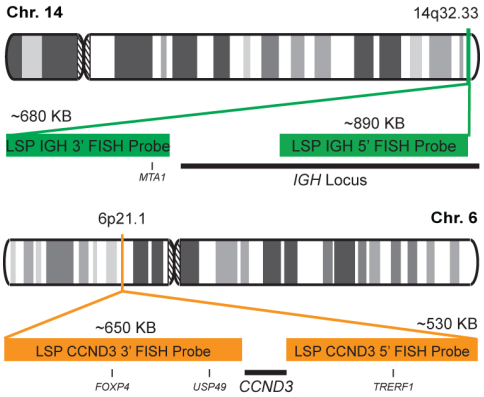
The IGH-CCND3 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and the *CCND3* gene located on chromosome bands 14q32.33 and 6p21.1, respectively. Rearrangements between the two regions have been observed in several types of hematological malignancies.

Intended Use

To detect rearrangements involving the human *IGH* locus and *CCND3* gene located on chromosome bands 14q32.33 and 6p21.1, respectively.

Cont.	Color
LSP IGH 5'-3' FISH Probe	CytoGreen
LSP CCND3 5'-3' FISH Probe	CytoOrange

Probe Design



Not to Scale

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 CCND3 5' FISH Probe covers the 5' (start) portion of the *CCND3* gene and some adjacent genomic sequences. LSP CCND3 3' FISH Probe covers the 3' (end) part as well as sequences downstream of the gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.	Volume
CT-PAC188-10-GO	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1) Sonoki T, et al. *Blood*. 98(9):2837-44 (2001).
2) Shaughnessy J Jr, et al. *Blood*. 98(1):217-23 (2001).
3) Pruneri G, et al. *J Pathol*. 200(5):596-601 (2003).
4) Pruneri G, et al. *Int J Cancer*. 112(1):71-7 (2004).
5) Fabris S, et al. *Genes Chromosomes Cancer*. 42(2):117-27 (2005).

-25°C -15°C IVD

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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.