

IGH-PAX5 Dual Fusion/Translocation FISH Probe Kit

Introduction

The IGH-PAX5 Dual Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *IGH* locus and the *PAX5* gene, located on chromosome bands 14q32.33 and 9p13.2, respectively. Rearrangements between the two regions are routinely found in lymphoma but also occur in many other hematological and solid cancer types.

Intended Use

To detect rearrangements involving the human *IGH* locus and the *PAX5* gene located on chromosome bands 14q32.33 and 9p13.2, respectively.

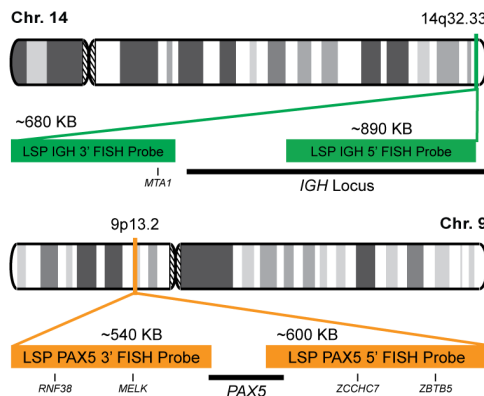
Cont.

Color

LSP IGH 5'-3' FISH Probe
LSP PAX5 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 PAX5 5'-3' FISH Probe covers the 5' (start) and the 3' (end) portions of the *PAX5* gene and some adjacent genomic sequences upstream and downstream of the gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.

Volume

CT-PAC388-10-GO

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

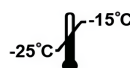
Other Patterns

- 1) Stasevich I, et al. *Br J Hematol* 171(2):263-272 (2015).
- 2) Coyaude E, et al. *Blood* 115(15):3-89-3097 (2010).
- 3) Poppe B, et al. *Genes Chromos. Cancer* 44(2):218-23 (2005).
- 4) Strehl S, et al. *Leukemia* 17(6):1121-3 (2003).
- 5) Iida S, et al. *Blood* 88(11):4110-7 (1996).

* 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.

DCN032

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