

IGL Break Apart FISH Probe Kit

Introduction

The IGL Break Apart FISH Probe Kit is designed to detect rearrangements in the human IGL locus mapping to chromosome band 22q11.22. In addition to revealing breaks, which can lead to translocation of parts of the gene, inversion, or its fusion to other genes, the probe set can also be used to identify other IGL aberrations such as deletions or amplifications. Rearrangements and abnormal expression of the IGL gene – also known as IGL@ or IGLC6 - have been observed in various B-cell lymphoma subtypes and other malignancies.

Intended Use

To detect rearrangements in the human *IGL* locus positioned on chromosome band 22q11.22.

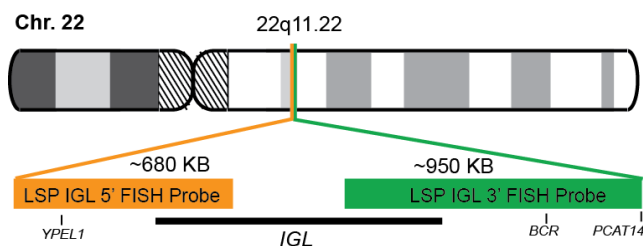
Cont.

Color

LSP IGL 5' FISH Probe
LSP IGL 3' FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP IGL 5' FISH Probe covers the 5' (start) portion of the *IGL* locus and some adjacent genomic sequences. LSP IGL 3' FISH Probe covers the 3' (end) part as well as sequences downstream of the gene. The two probes are flanking sequences across the *IGL* locus in which variable breakpoints have been observed.

Cat. No.

Volume

CT-PAC229-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2F*

Abnormal Patterns

Other Patterns

*Overlapping orange and green signals can appear as yellow.

- 1) Vasicek TJ, Leder P. *J. Exp. Med.* 172(2):609-20 (1980).
- 2) Wlodarska I, et al. *Genes Chromosomes Cancer* 20(2):113-9 (1997).
- 3) Martin-Subero JI, et al. *Int. J. Cancer* 98(3):470-4 (2002).
- 4) Einerson RR, et al. *Leukemia* 20(10):1790-9 (2006).
- 5) Rocha CK, et al. *Mol. Cytogenet.* 4(1):8 (2011).



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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.

DCN032

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