

IGH-MALT1 Dual Fusion/Translocation FISH Probe Kit

Introduction

The IGH-MALT1 FISH Probe Kit is designed to detect rearrangements involving the human *IGH* and *MALT1* genes located on chromosome bands 14q32.33 and 18q21.32, respectively. Rearrangements and abnormal expression of the *IGH* locus – also known as *IGD1*, *IGH@*, *IGHJ*, *IGHV*, *IGHD@*, *IGHJ@*, *IGHV@*, *IGH.1@* or *IGHDY1* – and the *MALT1* gene – also known as *MLT*, *MLT1* or *IMD12* – have been observed in B-cell lymphomas and other malignancies.

Intended Use

To rearrangements involving the human *IGH* and *MALT1* genes located on chromosome bands 14q32.33 and 18q21.32, respectively.

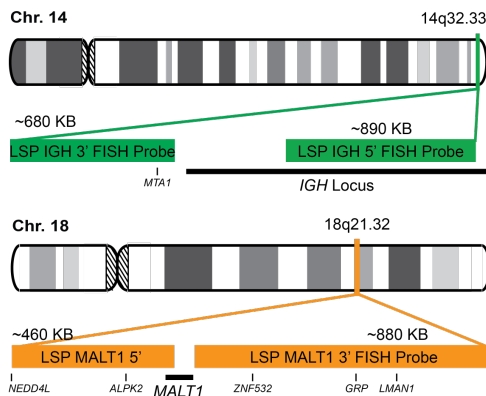
Cont.

LSP IGH 5'-3' FISH Probe
LSP MALT1 5'-3' FISH Probe

Color

CytoGreen
CytoOrange

Probe Design



Not to Scale

LSP IGH 5'-3' FISH Probe covers the 5' and the center sequences of the *IGH* locus; it also covers the 3' part and the neighboring downstream region. LSP 5'-3' MALT1 FISH Probe covers a chromosomal region which includes the entire *MALT1* gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.

CT-PAC383-10-GO

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- Dierlamm J, et al. *Blood*. 93(11):3601-9 (1999).
- Maes B, et al. *Ann Oncol*. 11(5):521-6 (2000).
- Dierlamm J, et al. *Blood*. 96(6):2215-8 (2000).
- Baens M, et al. *Genes Chromosomes Cancer*. 29(4):281-91 (2000).
- Uren AG, et al. *Mol Cell*. 6(4):961-7 (2000).

* 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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V2023.01.01

T-07-10-PAC383-GO-EN