

## BIRC3-MALT1 Dual Fusion/Translocation FISH Probe Kit

### Introduction

The BIRC3-MALT1 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human BIRC3 and MALT1 genes located on chromosome bands 11q22.2 and 18q21.32, respectively. Rearrangements involving portions of these two genes, the BIRC3 gene – also known as AIP1, API2, CIAP2, HAIP1, HIAP1, MALT2, MIHC, RNF49 or c-IAP2 – and the MALT1 gene – also called IMD12, MLT or MLT1, have been observed in mucosa-associated lymphoid tissue (MALT) and other lymphoma types.

### Intended Use

To detect rearrangements involving the human *BIRC3* and *MALT1* genes located on chromosome bands 11q22.2 and 18q21.32, respectively.

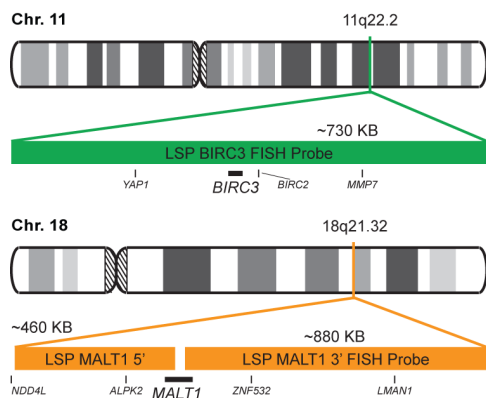
### Cont.

### Color

LSP BIRC3 FISH Probe  
LSP MALT1 5'-3' FISH Probe

CytoGreen  
CytoOrange

### Probe Design



LSP BIRC3 FISH Probe covers a chromosomal region which includes the entire *BIRC3* gene. LSP MALT1 5'-3' FISH Probe covers the 5' and 3' portions of the *MALT1* gene and some genomic sequences adjacent to the two ends of the gene. The probe set is optimized to reveal translocations between the two regions.

### Cat. No.

### Volume

CT-PAC062-10-GO

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

2O2G\*

#### Abnormal Patterns

Other Patterns

\*Overlapping orange and green signals can appear as yellow.

1) Dierlamm J, et al. *Blood*. 93(11):3601-9 (1999).  
2) Baens M, et al. *Am J Pathol*. 156(4):1433-9 (2000).  
3) Maes B, et al. *Ann Oncol*. 11(5):521-6 (2000).  
4) Dierlamm J, et al. *Blood*. 96(6):2215-8 (2000).  
5) Baens M, et al. *Genes Chromosomes Cancer*. 29(4):281-91 (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.