

## DLEU1/TP53 FISH Probe Kit

### Introduction

The DLEU1/TP53 FISH Probe Kit is designed to detect the human *DLEU1* and *TP53* genes located on chromosome bands 13q14.2 and 17p13.1, respectively. Rearrangements and abnormal expression of the *DLEU1* gene region – also known as *BCMS*, *DLB1*, *LEU1*, *LEU2*, *XTP6*, *BCMS1*, *DLEU2*, *LINC00021* or *NCRNA00021* – and the *TP53* gene – also known as *P53*, *BCC7*, *LFS1* or *TRP53* – have been observed in B-cell chronic lymphocytic leukemia (CLL) and other malignancies.

### Intended Use

To measure the copy number of the human *DLEU1* and *TP53* genes located on chromosome bands 13q14.2 and 17p13.1, respectively.

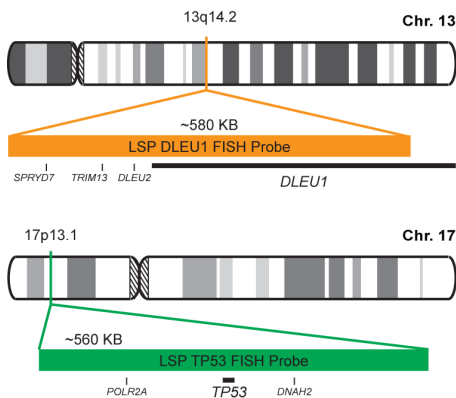
### Cont.

LSP DLEU1 FISH Probe  
LSP TP53 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



LSP DLEU1 FISH Probe covers the center sequences and the 5' (start) portion of the *DLEU1* gene and some adjacent genomic sequences. LSP TP53 FISH Probe covers a chromosomal region which includes the entire *TP53* gene.

### Cat. No.

CT-PAC255-10-OG

### Volume

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Pattern

2O + 2G

#### Abnormal Pattern

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Elnenaï MO, et al. *Genes Chromosomes Cancer*. 36(1):99-106 (2003).
- 3) Stevens-Kroef M, et al. *Cancer Genet Cytogenet*. 195(2):97-104 (2009).
- 4) Konialis C, et al. *Hematology*. 19(4):217-24 (2014).
- 5) Creytens D, et al. *Virchows Arch*. 465(1):97-108 (2014).



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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.

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