

## ETV6 Break Apart FISH Probe Kit

### Introduction

The ETV6 Break Apart FISH Probe Kit is designed to detect rearrangements in the human ETV6 gene located on chromosome band 12p13.2. 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 ETV6 aberrations such as deletions or amplifications. Rearrangements and abnormal expression of the ETV6 gene – also known as TEL, THC5 or TEL/ABL – have been observed in a large number of acute as well as chronic, lymphoid and myeloid malignancies.

### Intended Use

To detect rearrangements in the human *ETV6* gene located on chromosome band 12p13.2.

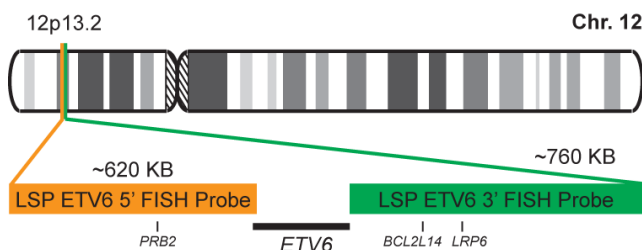
### Cont.

### Color

LSP ETV6 5' FISH Probe  
LSP ETV6 3' FISH Probe

CytoOrange  
CytoGreen

### Probe Design



LSP ETV6 5' FISH Probe covers the 5' (start) portion of the *ETV6* gene and some adjacent genomic sequences. LSP ETV6 3' FISH Probe covers the 3' (end) part as well as sequences downstream of the gene. The two probes are flanking sequences across the *ETV6* gene in which variable breakpoints have been observed.

### Cat. No.

### Volume

CT-PAC327-10-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) Malone A, et al. *Br J Haematol*. 151(1):101-2 (2010).  
2) Nofrini V, et al. *Leuk Res*. 35(7):e123-6 (2011).  
3) Perna F, et al. *Haematologica*. 96(2):342-3 (2011).  
4) Walz C, et al. *Blood*. 118(8):2239-42 (2011).  
5) De Braekeleer E, et al. *Leuk Res*. 36(8):945-61 (2012).

\* 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.