

## MYH11/CCP16 FISH Probe Kit

### Introduction

The MYH11/CCP16 FISH Probe Kit is designed to detect the human MYH11 gene located on chromosome band 16p13.11 along with the number of chromosome 16 copies per cell. Rearrangements and abnormal expression of the MYH11 gene – also known as AAT4, FAA4, SMHC or SMMHC – have been observed in acute non-lymphocytic leukemias and other malignancies.

### Intended Use

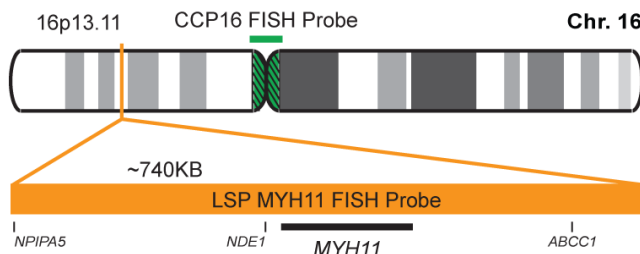
To measure the copy number of the human *MYH11* gene located on chromosome band 16p13.11.

### Cont.

### Color

LSP MYH11 FISH Probe      CytoOrange  
CCP16 (Pericentromeric) FISH Probe      CytoGreen

### Probe Design



Not to Scale

LSP MYH11 FISH Probe covers a chromosomal region which includes the entire *MYH11* gene. CCP16 FISH Probe is designed to serve as a control to determine the number of chromosome 16 copies per cell.

### Cat. No.

### Volume

CT-PAC254-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

2O2G

#### Abnormal Patterns

Other Patterns

1) O'Connor C. *Nature Education*. 1(1):171 (2008).  
2) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).  
3) Liu P, et al. *Blood*. 82(3):716-21 (1993).  
4) van der Reijden BA, et al. *Blood*. 82(10):2948-52 (1993).

\* 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.