

## 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.

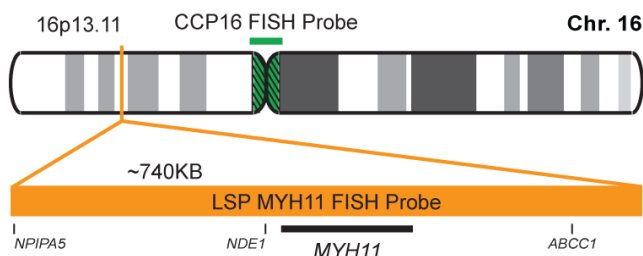
### Cont.

LSP MYH11 FISH Probe  
CCP16 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

LSP MYH11 FISH Probe covers a chromosomal region which includes the entire *MYH11* gene. CCP16 FISH Probe, derived from chromosome 16-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 16 copies per cell.

### Cat. No.

CT-PAC254-10-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) 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).



CytoTest Inc.  
9430 Key West Ave., Suite 210  
Rockville, MD 20850, USA

\* 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.

#### India Contact:

#### Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444

Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)