

## TOP2A/CCP17 FISH Probe Kit

### Introduction

The TOP2A/CCP17 FISH Probe Kit is designed to detect the human *TOP2A* gene located on chromosome band 17q21.2, along with the number of chromosome 17 copies per cell. Amplification and abnormal expression of the *TOP2A* gene – also known as *TOP2* or *TP2A* – has been observed in breast cancer and other tumor types.

### Intended Use

To measure the copy number of the human *TOP2A* gene located on chromosome band 17q21.2.

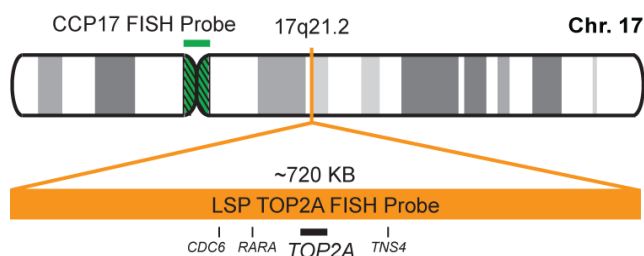
### Cont.

LSP TOP2A FISH Probe  
CCP17 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



LSP TOP2A FISH Probe covers a chromosomal region which includes the entire *TOP2A* gene. CCP17 FISH Probe, derived from chromosome 17-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 17 copies per cell.

Not to Scale

### Cat. No.

CT-PAC008-10-OG

### Volume

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Pattern

2O + 2G

#### Abnormal Pattern

Other Patterns

- 1) Nygård SB, et al. *Scand J Gastroenterol.* 48(12):1436-43 (2013).
- 2) Olsen KE, et al. *Acta Oncol.* 43(1):35-42 (2004).
- 3) Varga Z, et al. *Breast Cancer Res Treat.* 133(3):929-35 (2012).
- 4) de Resende MF, et al. *J Transl Med.* 11:36 (2013).
- 5) Sønderstrup IM, et al. *Mol Oncol.* 2015 Mar 4. doi: 10.1016/j.molonc.2015.02.009.



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)