

## 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.

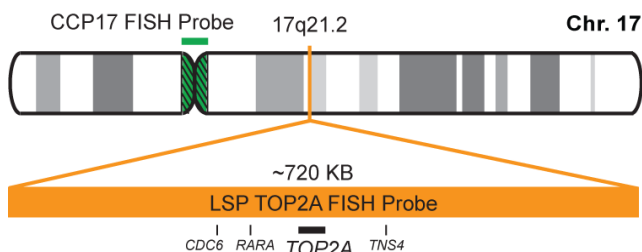
### Cont.

### Color

LSP TOP2A FISH Probe  
CCP17 FISH Probe

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.

### Volume

CT-PAC008-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

2O2G

#### Abnormal Patterns

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.

\* 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.

DCN032

© CytoTest Inc.



CytoTest Inc.  
1395 Piccard Drive, Suite 308  
Rockville, MD 20850, USA