

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

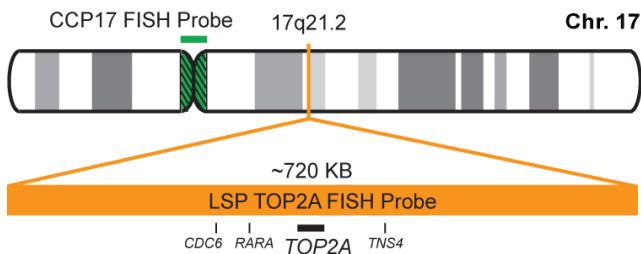
To measure the copy number of the human *TOP2A* gene located on chromosome band 17q21.2.

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	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
20 + 2G	Other Patterns

- Nygård SB, et al. *Scand J Gastroenterol.* 48(12):1436-43 (2013).
- Olsen KE, et al. *Acta Oncol.* 43(1):35-42 (2004).
- Varga Z, et al. *Breast Cancer Res Treat.* 133(3):929-35 (2012).
- de Resende MF, et al. *J Transl Med.* 11:36 (2013).
- 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.