

## ERBB2/CCP17 FISH Probe Kit

### Introduction

The ERBB2/CCP17 FISH Probe Kit is designed to detect the human ERBB2 gene located on chromosome band 17q12, along with the number of chromosome 17 copies per cell. Abnormal expression of the ERBB2 gene – also known as NEU, NGL, HER2, TKR1, CD340, HER-2, MLN 19 or HER-2/neu – has been observed in breast carcinoma and many other solid tumor types.

### Intended Use

To measure the copy number of the human *ERBB2* gene located on chromosome band 17q12.

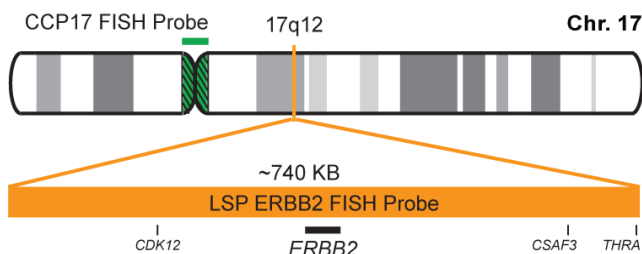
### Cont.

### Color

LSP ERBB2 FISH Probe  
CCP17 FISH Probe

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

LSP ERBB2 FISH Probe covers a chromosomal region which includes the entire *ERBB2* 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.

### Cat. No.

### Volume

CT-PAC001-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

Other Patterns

- 1) Coussens L, et al. *Science*. 230(4730):1132-9 (1985).
- 2) Slamon DJ, et al. *Science*. 235(4785):177-82 (1987).
- 3) Heselmeyer-Haddad K, et al. *Cancer Res*. 62(8):2365-9 (2002).
- 4) Pauletti G, et al. *J Clin Oncol*. 18(21):3651-64 (2000).
- 5) Pathmanathan N & Bilous AM. *Pathology*. 44(7):587-95 (2012).

\* 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.

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