

## ERBB2/TEKT3 FISH Probe Kit

### Introduction

The ERBB2/17p Reflex FISH Probe Kit is designed to detect the human ERBB2 gene located on chromosome band 17q12, and the D17S122 STS marker region on chromosome band 17p12 as a control for integrity of the p-arm of chromosome 17. 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. This probe panel can be used for ERBB2 reflex testing.

### Intended Use

To measure the copy number of the human *ERBB2* and the D17S122 STS marker region located on chromosome band 17q12 and 17p12, respectively.

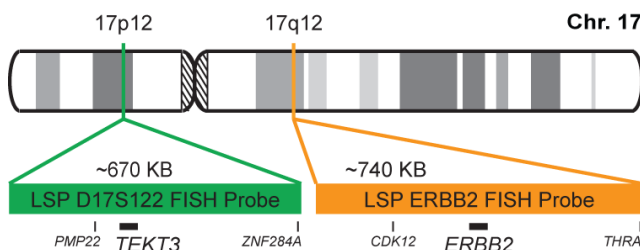
### Cont.

### Color

LSP ERBB2 FISH Probe  
LSP TEKT3 FISH Probe

CytoOrange  
CytoGreen

### Probe Design



LSP ERBB2 FISH Probe covers a chromosomal region which includes the entire *ERBB2* gene. LSP D17S122 FISH Probe covers the D17S122 STS marker region and includes the entire *TEKT3* gene.

Not to Scale

### Cat. No.

### Volume

CT-PAC050-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

2O2G

#### Abnormal Patterns

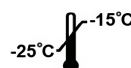
Other Patterns

- 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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