

ERBB2/17p Reflex FISH Probe Kit

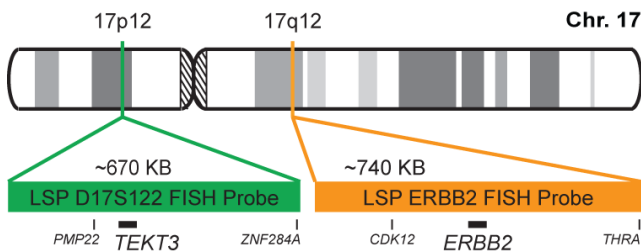
Introduction

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 <i>ERBB2</i> and the D17S122 STS marker region located on chromosome band 17q12 and 17p12, respectively.

Cont.	Color
LSP ERBB2 FISH Probe LSP D17S122 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	
<u>Normal Patterns</u> 202G	<u>Abnormal Patterns</u> 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).



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* 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.