

# EGFR/CCP7 FISH Probe Kit

## Introduction

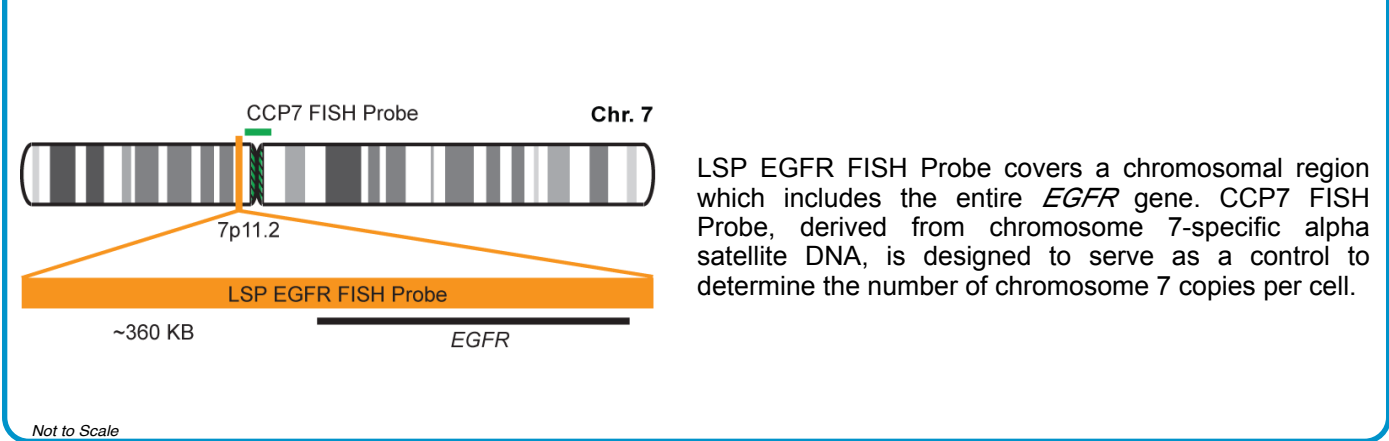
The EGFR/CCP7 FISH Probe Kit is designed to detect the human *EGFR* gene located on chromosome band 7p11.2, along with the number of chromosome 7 copies per cell. Abnormal expression of the *EGFR* gene – also known as *TIS8*, *AT225*, *GOS30*, *NGF1-A*, *ZNF225*, *KROX-24* or *ZIF-268* – has been observed in leukemia, fibrosarcoma, lung, breast, brain, liver, skin, prostate and other tumor types.

**Intended Use**

To measure the copy number of the human *EGFR* gene located on chromosome band 7p11.2.

Cont.	Color
LSP EGFR FISH Probe CCP7 FISH Probe	CytoOrange CytoGreen

## Probe Design



LSP EGFR FISH Probe covers a chromosomal region which includes the entire *EGFR* gene. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell.

Cat. No.	Volume
CT-PAC011-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2O + 2G	Other Patterns

1) Ullrich A & Schlessinger *J. Cell.* 61(2):203-12 (1990).  
 2) Hirsch FR, et al. *J Clin Oncol.* 21(20):3798-807 (2003).  
 3) Yu HA & Riely GJ. *J Natl Compr Canc Netw.* 11(2):161-9 (2013).  
 4) Grob TJ, et al. *Lung Cancer.* 79(3):221-7 (2013).  
 5) El-Zammar OA, et al. *Diagn Mol Pathol.* 18(3):133-7 (2009).



\* 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.