

## TERC/CCP7 FISH Probe Kit

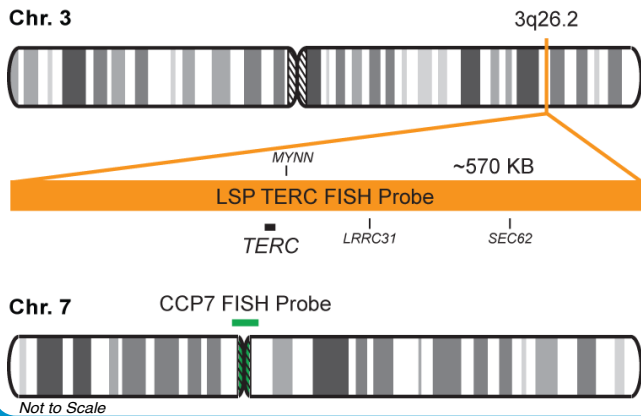
### Introduction

The TERC/CCP7 FISH Probe Kit is designed to detect the human *TERC* gene located on chromosome band 3q26.2, along with the number of chromosome 7 copies per cell. Amplification and abnormal expression of the *TERC* gene – also known as *TR*, *hTR*, *TRC3*, *DKCA1*, *PFBMFT2* or *SCARNA19* – is a hallmark of malignant cervical cancer but also is dysregulated in other tumor types.

Intended Use
To measure the copy number of the human <i>TERC</i> gene located on chromosome band 3q26.2.

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

### Probe Design



LSP TERC FISH Probe covers a chromosomal region which includes the entire *TERC* 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-PAC002-10-OG	10 Tests (100 µL)

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

1) Blackburn EH. *Nature*. 350(6319):569-73 (1991).  
 2) Shay JW & Bacchetti S. *Eur J Cancer*. 33(5):787-91 (1997).  
 3) Heselmeyer K, et al. *Proc Natl Acad Sci U S A*. 93(1):479-84 (1996).  
 4) Heselmeyer-Haddad K, et al. *Am J Pathol*. 166(4): 1229-1238 (2005).  
 5) Andersson S, et al. *Am J Pathol*. 175(5): 1831-1847 (2009).



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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.