

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

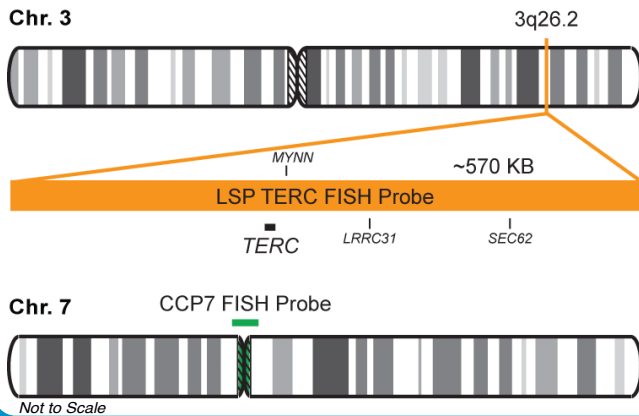
To measure the copy number of the human *TERC* gene located on chromosome band 3q26.2.

Cont.	Color
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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>	<u>Abnormal Pattern</u>
2O + 2G	Other Patterns

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

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