

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, PFBMT2 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.

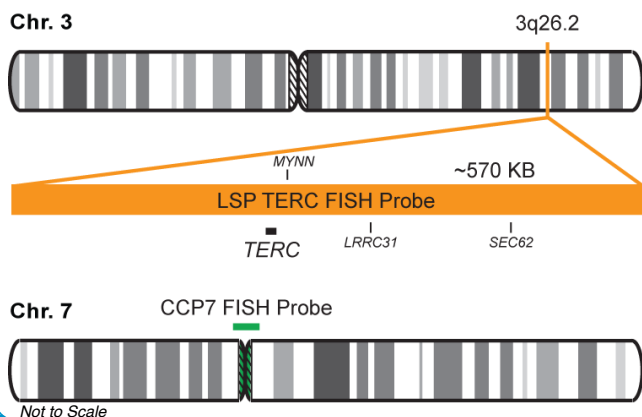
Cont.

LSP TERC FISH Probe
CCP7 FISH Probe

Color

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.

CT-PAC002-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

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).

* 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.

DCN032

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