CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

TERC/CCP3 FISH Probe Kit

Introduction

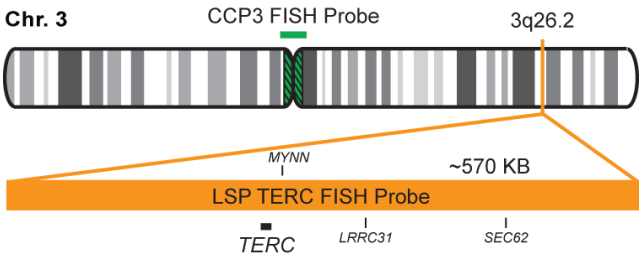
The TERC/CCP3 FISH Probe Kit is designed to detect the human TERC gene located on chromosome band 3q26.2, along with the number of chromosome 3 copies per cell. Amplification and abnormal expression of the TERC gene – also known as TR, hTR, TRC3, DKCA1, PFBMFT2 or SCARNA19 – is a hallmark of malignant cervical cancer but is also 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
LSP TERC FISH Probe	CytoOrange
CCP3 FISH Probe	CytoGreen

Probe Design



Not to Scale

LSP TERC FISH Probe covers a chromosomal region which includes the entire *TERC* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Cat. No.	Volume
CT-PAC166-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	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).

-25°C -15°C IVD

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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.