

TERT/EGR1 FISH Probe Kit

Introduction

The TERT/EGR1 FISH Probe Kit is designed to detect the human TERT gene on chromosome band 5p15.33, and the EGR1 gene on chromosome band 5q31.2. Abnormalities in TERT – also known as TP2, TRT, CMM9, EST2, TCS1, hTRT, DKCA2, DKCB4, hEST2 or PFBMT1 – and abnormalities in EGR1 – also known as ERBB, HER1, mENA, ERBB1, PIG61 or NISBD2 – have been observed in myeloid malignancies, fibrosarcoma, lung, brain, breast, skin, prostate liver and various other cancer types.

Intended Use

To measure the copy number of the human *TERT* and *EGR1* genes located on chromosome bands 5p15.33 and 5q31.2, respectively.

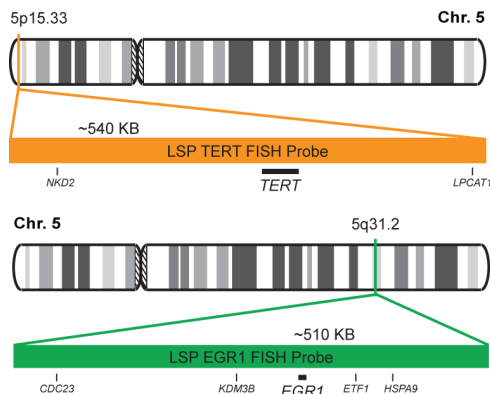
Cont.

LSP TERT FISH Probe
LSP EGR1 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP TERT FISH Probe covers a chromosomal region which includes the entire *TERT* gene. LSP EGR1 FISH Probe covers a chromosomal region which includes the entire *EGR1* gene.

Cat. No.

CT-PAC167-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

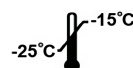
Other Patterns

- 1) Ronski K, et al. *Cancer*. 104(5):925-30 (2005).
- 2) Joslin JM, et al. *Blood*. 110(2):719-26 (2007).
- 3) Gitenay D & Baron VT. *Future Oncol*. 5(7):993-1003 (2009).
- 4) Hoffman MW, et al. *Cancer Genet Cytogenet*. 191(2):106-8 (2009).
- 5) Wang B, et al. *Mol Cancer Res*. 7(5):755-64 (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.

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