

TP53/CCP17 FISH Probe Kit

Introduction

The TP53/CCP17 FISH Probe Kit is designed to detect the human TP53 gene located on chromosome band 17p13.1, along with the number of chromosome 17 copies per cell. Abnormal expression of the TP53 gene – also known as P53, BCC7, LFS1 or TRP53 – has been observed in a large number of tumor types and some other conditions.

Intended Use

To measure the copy number of the human *TP53* gene located on chromosome band 17p13.1.

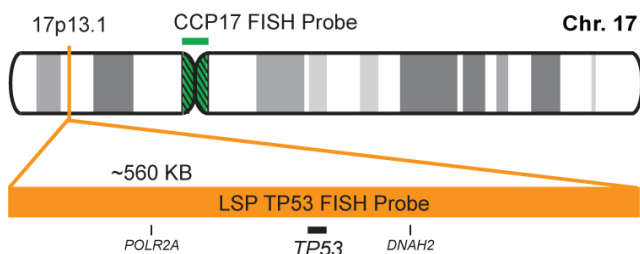
Cont.

Color

LSP TP53 FISH Probe
CCP17 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP TP53 FISH Probe covers a chromosomal region which includes the entire *TP53* gene. CCP17 FISH Probe, derived from chromosome 17-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 17 copies per cell.

Cat. No.

Volume

CT-PAC351-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Varley JM, et al. *Br J Cancer*. 76(1):1-14 (1997).
- 2) Vogelstein B, et al. *Nature*. 408(6810):307-10 (2000).
- 3) Soussi T & Bérout C. *Nat Rev Cancer*. 1(3):233-40 (2001).
- 4) Olivier M, et al. *Cancer Res*. 63(20):6643-50 (2003).
- 5) Petitjean A, et al. *Oncogene*. 26(15):2157-65 (2007).

* 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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