

TP53/CD37 FISH Probe Kit

Introduction

The TP53/CD37 FISH Probe Kit is designed to detect rearrangements involving the human TP53 and CD37 genes located on chromosome bands 17p13.1 and 19q13.33, respectively. 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. The CD37 gene – also called GP52-40 or TSPAN26 – is upregulated in Burkitt's lymphoma and other B-cell malignancies, and expressed in a number of solid tumor types as well.

Intended Use

To measure the copy number of the human *TP53* and *CD37* genes located on chromosome bands 17p13.1 and 19q13.33, respectively.

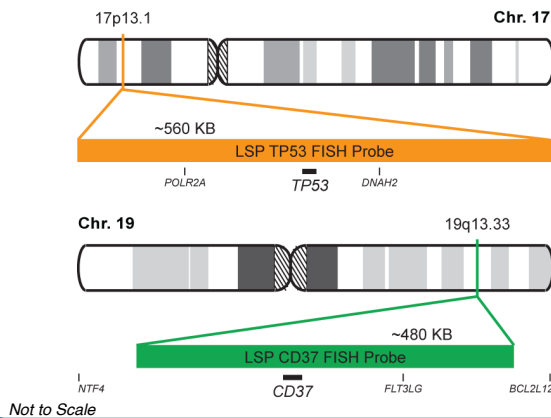
Cont.

LSP TP53 FISH Probe
LSP CD37 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP TP53 FISH Probe covers a chromosomal region which includes the entire *TP53* gene. LSP CD37 FISH Probe covers a chromosomal region which includes the entire *CD37* gene.

Cat. No.

CT-PAC157-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

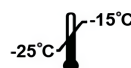
- 1) Varley JM, et al. *Br J Cancer*. 76(1):1-14 (1997).
- 2) Soussi T & Bérout C. *Nat Rev Cancer*. 1(3):233-40 (2001).
- 3) Petitjean A, et al. *Oncogene*. 26(15):2157-65 (2007).
- 4) Ferrer M, et al. *Clin Exp Immunol*. 113(3):346-52 (1998).
- 5) Woegerbauer M, et al. *Mod Pathol*. 23(5):751-62 (2010).

* 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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