

# TP53/CD37 FISH Probe Kit

## Introduction

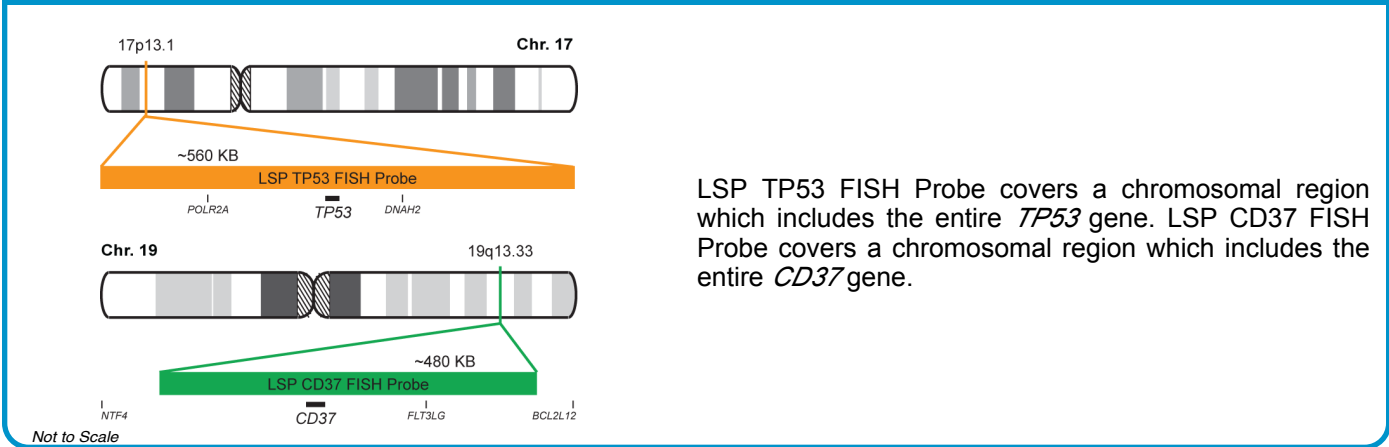
The TP53/CD37 FISH Probe Kit is designed to detect rearrangements involving the human *TP53* and *CD37* genes located on chromosome bands 17p13.1 and 19q13.33, respectively. Abnormal expression of the *TP53* gene – also known as *P53*, *BCC7*, *LFS1* or *TRP53* – has been observed in a large number of 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.	Color
LSP TP53 FISH Probe LSP CD37 FISH Probe	CytoOrange CytoGreen

## Probe Design



Cat. No.	Volume
CT-PAC157-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2O + 2G	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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