

CD37/ZNF443 FISH Probe Kit

Introduction

The CD37/ZNF443 FISH Probe Kit is designed to detect rearrangements involving the human CD37 gene located on chromosome band 19q13.33, along with the region around ZNF443 gene located on chromosome band 19p13.2 measuring the integrity of chromosome 19. Abnormal expression of 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 CD37 and ZNF443 genes located on chromosome bands 19q13.33 and 19p13.2, respectively.

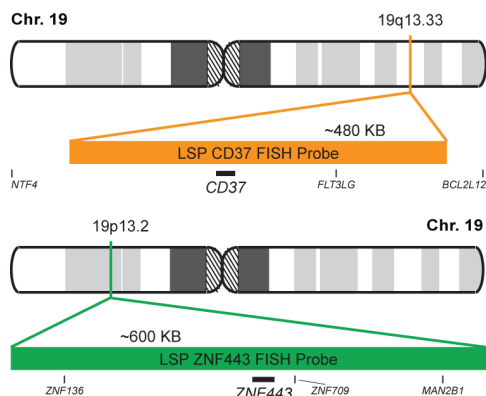
Cont.

Color

LSP CD37 FISH Probe
LSP ZNF443 FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP CD37 FISH Probe covers a chromosomal region which includes the entire CD37 gene. LSP ZNF443 FISH Probe covers a chromosomal region which includes the entire ZNF443 gene.

Cat. No.

Volume

CT-PAC122-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

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.

DCN032

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