

# CD37/ZNF443 FISH Probe Kit

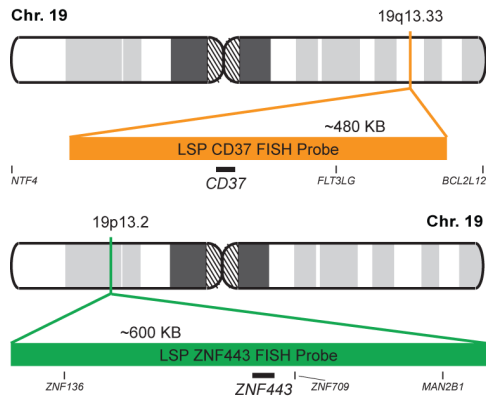
## Introduction

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 <i>CD37</i> and <i>ZNF443</i> 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.

Not to Scale

Cat. No.	Volume
CT-PAC122-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Patterns</u> 2O2G	<u>Abnormal Patterns</u> 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).



CytoTest Inc.  
9430 Key West Ave., Suite 210  
Rockville, MD 20850, USA

\* 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.