

# FLCN/CCP17 FISH Probe Kit

## Introduction

The FLCN/CCP17 FISH Probe Kit is designed to detect the human *FLCN* gene located on chromosome band 17p11.2, along with the number of chromosome 17 copies per cell. Abnormal expression of the *FLCN* gene – also known as *BHD* or *FLCL* – has been found in sporadic kidney carcinoma and other tumor types and conditions.

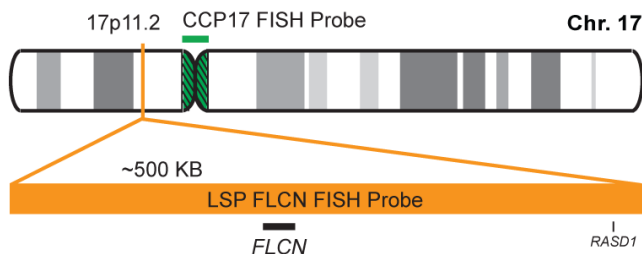
### Intended Use

To measure the copy number of the human *FLCN* gene located on chromosome band 17p11.2.

Cont.	Color
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LSP FLCN FISH Probe	CytoOrange CytoGreen
CCP17 FISH Probe	

## Probe Design



LSP FLCN FISH Probe covers a chromosomal region which includes the entire *FLCN* 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.

Not to Scale

Cat. No.	Volume
CT-PAC028-10-OG	10 Tests (100 µL)

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

- 1) Khoo SK, et al. *Oncogene*. 20(37):5239-42 (2001).
- 2) Khoo SK, et al. *Cancer Res*. 63(15):4583-7 (2003).
- 3) Painter JN, et al. *Am J Hum Genet*. 76(3):522-7 (2005).
- 4) Adley BP, et al. *Arch Pathol Lab Med*. 130(12):1865-70 (2006).
- 5) Gad S, et al. *Br J Cancer*. 96(2):336-40 (2007).



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.

### India Contact:

#### Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444  
Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)