

VHL/CCP3 FISH Probe Kit

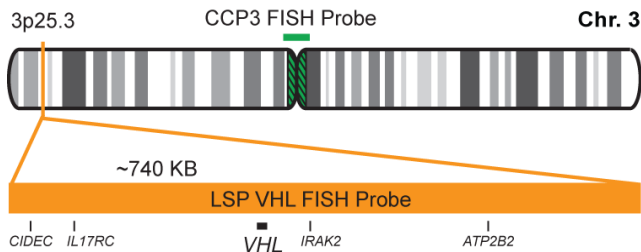
Introduction

The VHL/CCP3 FISH Probe Kit is designed to detect the human *VHL* gene located on chromosome band 3p25.3, along with the number of chromosome 3 copies per cell. Abnormal expression of the *VHL* gene – also known as *RCA1*, *VHL1*, *pVHL* or *HRCA1* – has been observed in kidney cancer and other hereditary and somatic conditions.

Intended Use
To measure the copy number of the human <i>VHL</i> gene located on chromosome band 3p25.3.

Cont.	Color
LSP VHL FISH Probe CCP3 FISH Probe	CytoOrange CytoGreen

Probe Design



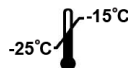
LSP VHL FISH Probe covers a chromosomal region which includes the entire *VHL* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC015-10-OG	10 Tests (100 µL)

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

- 1) Ma X, et al. *Oncogene*. 20(38):5393-400 (2001).
- 2) Velickovic M, et al. *Cancer Res*. 61(12):4815-9 (2001).
- 3) Friedrich CA. *Hum Mol Genet*. 10(7):763-7 (2001).
- 4) Kondo K & Kaelin WG Jr. *Exp Cell Res*. 264(1):117-25 (2001).
- 5) Wykoff CC, et al. *Novartis Found Symp*. 240:212-25; discussion 225-31 (2001).



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.