

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 *VHL* gene located on chromosome band 3p25.3.

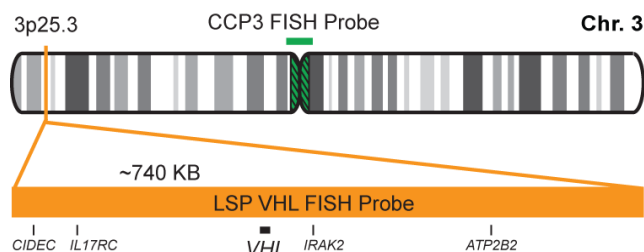
Cont.

LSP VHL FISH Probe
CCP3 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

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.

Cat. No.

CT-PAC015-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

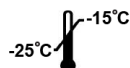
Normal Pattern

2O + 2G

Abnormal Pattern

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).



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* 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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