

VPS53/CCP17 FISH Probe Kit

Introduction

The VPS53/CCP17 FISH Probe Kit is designed to detect the human VPS53 gene located on chromosome band 17p13.3, along with the number of chromosome 17 copies per cell. Abnormalities in VPS53 – also known as HCCS1, PCH2E, hVps53L or pp13624 – have been observed in cancers including pancreatic, hepatocellular and other malignancies.

Intended Use

To measure the copy number of the human VPS53 gene located on chromosome band 17p13.3.

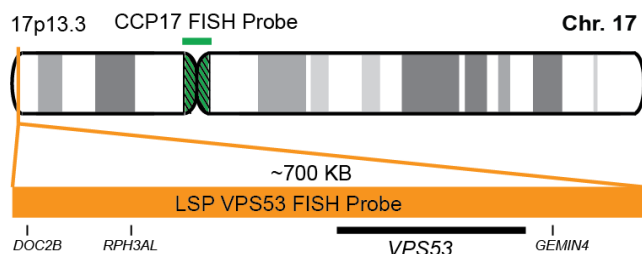
Cont.

LSP VPS53 FISH Probe
CCP17 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP VPS53 FISH Probe covers a chromosomal region, which includes the entire VPS53 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.

Cat. No.

CT-PAC283-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Tian MM, et al. Clin Res Hepatol Gastroenterol. 41(2):171-180 (2017).
- 2) Zhu JD, et al. Cell Res. 16(9):780-96 (2006).
- 3) Hausman-Kedem M, et al. Neurogenetics. 20(4):187-195 (2019).
- 4) Xie XH, et al. Eur Rev Med Pharmacol Sci. 23(5):2125-2131 (2019).
- 5) Masschaele D, et al. PLoS One. 12(5):e0178132 (2017).

* 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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