

NECTIN4/CCP1 FISH Probe Kit

Introduction

The NECTIN4/CCP1 FISH Probe Kit is designed to detect the human NECTIN4 gene located on chromosome band 1q23.3, along with the number of chromosome 1 copies per cell. Amplification and abnormal expression of the NECTIN4 gene – also known as LNIR, PRR4, EDSS1, PVRL4 or nectin-4 – have been observed in breast cancer, lung cancer, esophageal cancer and other tumor types.

Intended Use

To measure the copy number of the human *NECTIN4* gene located on chromosome band 1q23.3.

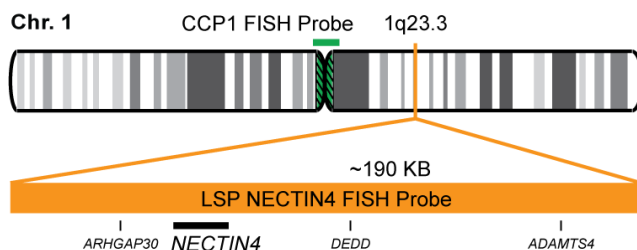
Cont.

Color

LSP NECTIN4 FISH Probe
CCP1 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP NECTIN4 FISH Probe covers a chromosomal region which includes the entire *NECTIN4* gene. CCP1 FISH Probe, derived from chromosome 1-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 1 copies per cell.

Cat. No.

Volume

CT-PAC469-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

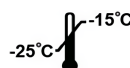
Other Patterns

1. M-Rabet M, et al. Ann Oncol. 28(4):769-776 (2017).
2. Fang CP, et al. PLoS One. 15(6):e0234549 (2020).
3. Fabre-Lafay S, et al. BMC Cancer. 7:73 (2007).
4. Takano A, et al. Cancer Res. 69(16):6694-703 (2009).
5. Lin X, et al. Med Sci Monit. 25:10089-10094 (2019).

* 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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