

DCC/CCP18 FISH Probe Kit

Introduction

The DCC/CCP18 FISH Probe Kit is designed to detect the human DCC gene located on chromosome band 18q21.2, along with the number of chromosome 18 copies per cell. Abnormal expression of the DCC gene – also known as CRCR1, CRCR1, MRMV1, IGDCC1 or NTN1R1 – has been observed in colorectal and many other cancer types.

Intended Use

To measure the copy number of the human *DCC* gene located on chromosome band 18q21.2.

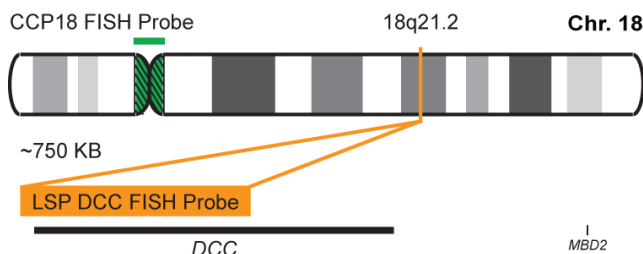
Cont.

Color

LSP DCC FISH Probe
CCP18 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP DCC FISH Probe covers a chromosomal region which includes the *DCC* gene. CCP18 FISH Probe, derived from chromosome 18-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 18 copies per cell.

Cat. No.

Volume

CT-PAC021-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Saegusa M, et al. *Br J Cancer*. 82(3):571-8 (2000).
- 2) Koren R, et al. *Breast Cancer Res Treat*. 80(2):215-20 (2003).
- 3) Dekel Y, et al. *BJU Int*. 93(6):867-9 (2004).
- 4) Hirata H, et al. *Cancer Genet Cytogenet*. 163(2):101-5 (2005).
- 5) Carvalho AL, et al. *Cancer Res*. 66(19):9401-7 (2006).

* 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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