

CCND1/CCP11 FISH Probe Kit

Introduction

The CCND1/CCP11 FISH Probe Kit is designed to detect the human CCND1 gene located on chromosome band 11q13.3, along with the number of chromosome 11 copies per cell. Abnormal expression of the CCND1 gene – also known as BCL1, D11S287E, PRAD1, or HU21B31 – has been observed in breast carcinoma and a number of other malignancies.

Intended Use

To measure the copy number of the human CCND1 gene located on chromosome band 11q13.3.

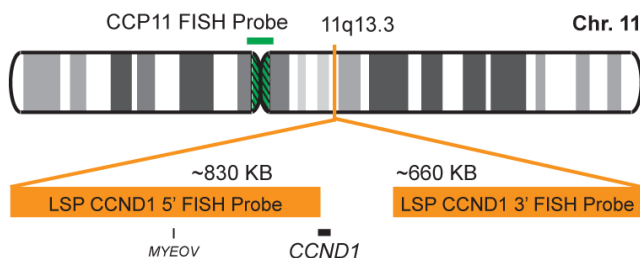
Cont.

Color

LSP CCND1 5'-3' FISH Probe
CCP11 FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP CCND1 5' FISH Probe covers some genomic sequences adjacent to the 5' (start) portion of the CCND1 gene, and LSP CCND1 3' FISH Probe covers sequences downstream of the 3' end of the gene. CCP11 FISH Probe, derived from chromosome 11-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 11 copies per cell.

Cat. No.

Volume

CT-PAC189-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Schuurings E, et al. *Cancer Res.* 52(19):5229-34 (1992).
- 2) Katz RL, et al. *Am J Clin Pathol.* 114(2):248-57 (2000).
- 3) Bièche I, et al. *Br J Cancer.* 86(4):580-6 (2002).
- 4) Ormandy CJ, et al. *Breast Cancer Res Treat.* 78(3):323-35 (2003).
- 5) Jirstrom K, et al. *Cancer Res.* 65(17):8009-16 (2005).

* 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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