

PTGS2/CCP1 FISH Probe Kit

Introduction

The PTGS2/CCP1 FISH Probe Kit is designed to detect the human PTGS2 gene located on chromosome band 1q31.1, along with the number of chromosome 1 copies per cell. Abnormal expression of the PTGS2 gene – also known as COX2, COX-2, PHS-2, PGG/HS, PGHS-2, hCox-2 or GRIPGHS – has been observed in colorectal, lung, uterine, ovarian, pancreatic and many other tumor types.

Intended Use

To measure the copy number of the human *PTGS2* gene located on chromosome band 1q31.1.

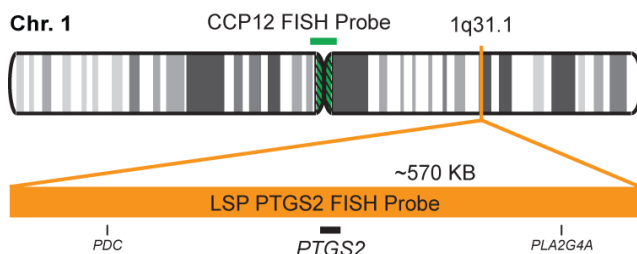
Cont.

Color

LSP PTGS2 FISH Probe
CCP1 FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP PTGS2 FISH Probe covers a chromosomal region which includes the entire *PTGS2* 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.

Not to Scale

Cat. No.

Volume

CT-PAC006-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

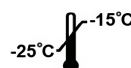
Other Patterns

- 1) Saukkonen K, et al. *APMIS*. 111(10):915-25 (2003).
- 2) Lin DT, et al. *Head Neck*. 24(8):792-9 (2002).
- 3) Zha S, et al. *Cancer Lett*. 215(1):1-20 (2004).
- 4) Rask K, et al. *Mol Cancer*. 5:62 (2006).
- 5) Konstantinopoulos PA, et al. *Int J Colorectal Dis*. 22(1):57-68 (2007).

* 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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