

CDKN2A/CCP9 FISH Probe Kit

Introduction

The CDKN2A/CCP9 FISH Probe Kit is designed to detect the human CDKN2A gene located on chromosome band 9p21.3, along with the number of chromosome 9 copies per cell. Abnormalities in CDKN2A – also known as ARF, MLM, P14, P16, P19, CMM2, INK4, MTS1, TP16, CDK4I, CDKN2, INK4A, MTS-1, P14ARF, P19ARF, P16INK4, P16INK4A or P16-INK4A – occur in gliomas and meningiomas as well as numerous other familial and sporadic tumor types.

Intended Use

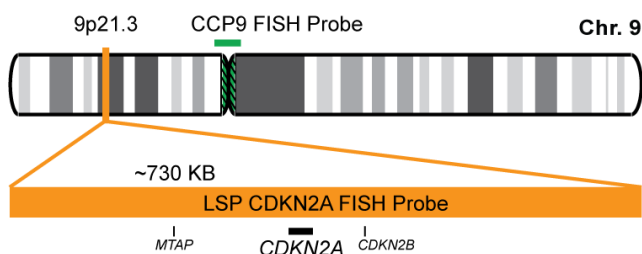
To measure the copy number of the human *CDKN2A* gene located on chromosome band 9p21.3.

Cont.

Color

LSP CDKN2A FISH Probe CytoOrange
CCP9 (Pericentromeric) FISH Probe CytoGreen

Probe Design



Not to Scale

LSP CDKN2A FISH Probe covers a chromosomal region which includes the entire *CDKN2A* gene. CCP9 FISH Probe, derived from chromosome 9-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Cat. No.

Volume

CT-PAC025-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Kamb A, et al. *Science*. 264(5157):436-40 (1994).
- 2) Foulkes WD, et al. *Mol Med*. 3(1):5-20 (1997).
- 3) Krimpenfort P, et al. *Nature*. 413(6851):83-6 (2001).
- 4) Sharpless E & Chin L. *Oncogene*. 22(20):3092-8 (2003).
- 5) Gonzalez S, et al. *Nature*. 440(7084):702-6 (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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