

BRAF/CCP7 FISH Probe Kit

Introduction

The BRAF/CCP7 FISH Probe Kit is designed to detect the human BRAF gene located on chromosome band 7q34, along with the number of chromosome 7 copies per cell. Abnormalities in BRAF – also known as v-raf murine sarcoma viral oncogene homolog B1, BRAF1 or RAFB1 – have been found in solid tumors like melanoma, colorectal cancer, ovarian cancer, papillary thyroid cancer and other malignancies.

Intended Use

To measure the copy number of the human BRAF gene located on chromosome band 7q34.

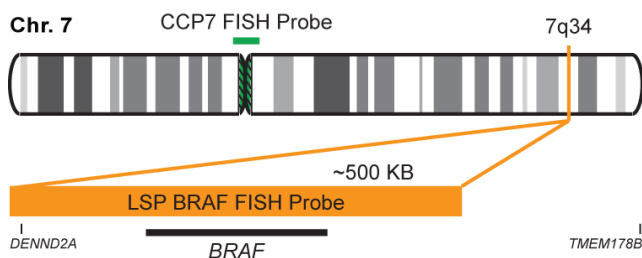
Cont.

LSP BRAF FISH Probe
CCP7 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP BRAF FISH Probe covers a chromosomal region which includes the entire BRAF gene. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell.

Cat. No.

CT-PAC121-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Davies H, et al. *Nature*. 417(6892):949-54 (2002).
- 2) Oliveira C, et al. *Oncogene*. 22(57):9192-6 (2003).
- 3) Pollock PM, et al. *Nat Genet*. 33(1):19-20 (2003).
- 4) Tuveson DA, et al. *Cancer Cell*. 4(2):95-8 (2003).
- 5) Shih IeM & Kurman RJ. *Am J Pathol*. 164(5):1511-8 (2004).

* 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.

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