

CAMTA1/CCP1 FISH Probe Kit

Introduction

The CAMTA1/CCP1 FISH Probe Kit is designed to detect the human *CAMTA1* gene located on chromosome band 1p36.31, along with the number of chromosome 1 copies per cell. Rearrangements and abnormal expression of the *CAMTA1* gene – also known as *KIAA0833*, *CECBA* or *CANPMR* – have been observed in neuroblastoma, glioma, colon cancer and other malignancies.

Intended Use

To detect the human *CAMTA1* gene located on chromosome band 1p36.31, along with the number of chromosome 1 copies per cell.

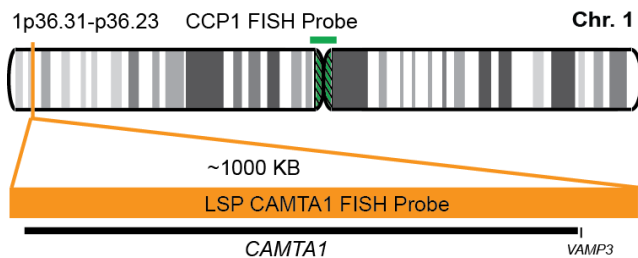
Cont.

LSP CAMTA1 FISH Probe
CCP1 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP CAMTA1 FISH Probe covers a chromosomal region which includes the entire *CAMTA1* 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.

Cat. No.

CT-PAC318-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

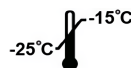
Other Patterns

- 1) Finkler, A, et al. *FEBS Lett.* 581(21):3893-8 (2007).
- 2) Bamashina, V, et al. *Clin. Cancer Res.* 11(3):1119-28 (2005).
- 3) Heinrich, KO, et al. *Eur. J. Cancer* 43(3):607-16 (2007).
- 4) Ichimura, K., et al. *Oncogene* 27(14):2097-108 (2008).
- 5) Kim, MY, et al. *Gastroenterology* 131(6):1913-24 (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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CytoTest Inc.
1395 Piccard Drive, Suite 308
Rockville, MD 20850, USA