

MYC/CCP8 FISH Probe Kit

Introduction

The MYC/CCP8 FISH Probe Kit is designed to detect the human *MYC* gene located on chromosome band 8q24.21, along with the number of chromosome 8 copies per cell. Rearrangements and abnormal expression of the *MYC* gene – also known as *EV MRTL*, *MYCC*, *c-Myc* or *bHLHe39* – have been observed in Burkitt's Lymphoma and other hematological malignancies, myeloma, as well as breast, cervical, colon, ovarian and other tumor types.

Intended Use

To measure the copy number of the human *MYC* gene located on chromosome band 8q24.21.

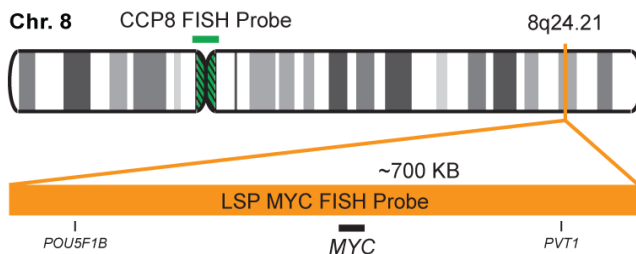
Cont.

LSP MYC FISH Probe
CCP8 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP MYC FISH Probe covers a chromosomal region which includes the entire *MYC* gene. CCP8 FISH Probe, derived from chromosome 8-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 8 copies per cell.

Not to Scale

Cat. No.

CT-PAC017-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) Depinho RA, et al. *Ann Clin Res.* 18(5-6):284-9 (1986).
- 2) Garte SJ. *Crit Rev Oncog.* 4(4):435-49 (1993).
- 3) Einerson RR, et al. *Leukemia.* 20(10):1790-9 (2006)
- 4) Le Gouill S, et al. *Haematologica.* 92(10):1335-42 (2007).
- 5) Blancato J, et al. *Br J Cancer.* 90(8):1612-9 (2004).



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* 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.