CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

MYC/CCP8 FISH Probe Kit

Introduction

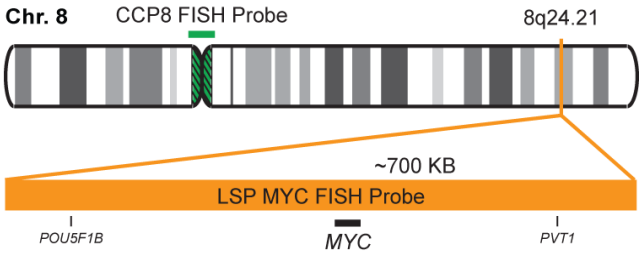
The MYC/CCP8 FISH Probe Kit is designed to detect the human MYC gene located on chromosome band 8q24.21, along with the number of chromosome 8 copies per cell. Rearrangements and abnormal expression of the MYC gene – also known as EV MRTL, MYCC, c-Myc or bHLHe39 – have been observed in Burkitt's Lymphoma 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.	Color
LSP MYC FISH Probe	CytoOrange
CCP8 FISH Probe	CytoGreen

Probe Design



Not to Scale

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.

Cat. No.	Volume
CT-PAC017-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	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).

-25°C -15°C

CE IVD

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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.