CytoTest®

Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

SEC63/MYC FISH Probe Kit

Introduction

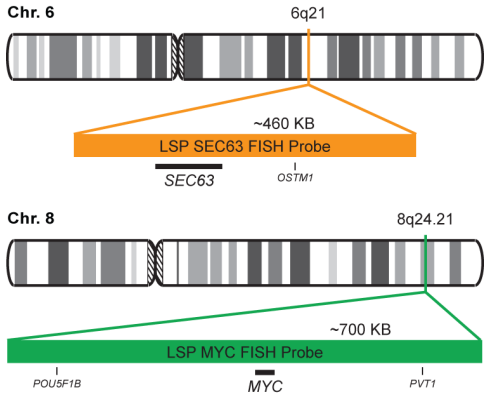
The SEC63/MYC FISH Probe Kit is designed to detect the human *SEC63* gene located on chromosome band 6q21, and the MYC gene on chromosome band 8q24.21. Abnormal expression of the *SEC63* gene – also known as *ERdj2, PCLD2, SEC63L, DNAJC23* or *PRO2507* – has been observed in lymphoid malignancies such as chronic lympocytic leukemia (CLL) and other cancers. Abnormalities in *MYC* – also known as *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 *SEC63* and *MYC* genes located on chromosome bands 6q21 and 8q24.21, respectively.

Cont.	Color
LSP SEC63 FISH Probe	CytoOrange
LSP MYC FISH Probe	CytoGreen

Probe Design



Not to Scale

LSP SEC63 FISH Probe covers a chromosomal region which includes the entire *SEC63* gene. LSP MYC FISH Probe covers a chromosomal region which includes the entire *MYC* gene.

Cat. No.	Volume
CT-PAC169-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1) Waanders E, et al. *Hum Mutat.* 27(8):830 (2006).
2) Waanders E, et al. *Clin Genet.* 78(1):47-56 (2010).
3) Janssen MJ, et al. *PLoS One.* 7(11):e50324 (2012).
4) Casper M, et al. *Scand J Gastroenterol.* 48(3):344-51 (2013).
5) Fedeles SV, et al. *J Clin Invest.* doi: 10.1172/JCI78863 (2015).

-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.