

SEC63/MYB/CCP6 FISH Probe Kit

Introduction

The SEC63/MYB/CCP6 FISH Probe Kit is designed to detect the human SEC63 gene located on chromosome band 6q21, the MYB gene located on chromosome band 6q23.3, along with the number of chromosome 6 copies per cell. Abnormal expression of the SEC63 gene – also known as ERdj2, SEC63L, DNAJC23 or PRO2507 – and the MYB gene – also known as efg, Cmyb, c-myb or c-myb_CDS – have been observed in lymphoid malignancies such as chronic lymphocytic leukemia (CLL), acute lymphoblastic leukemia (ALL), non-Hodgkin lymphomas (NHL) and in other cancers.

Intended Use

To measure the copy number of the human SEC63 and MYB genes located on chromosome bands 6q21 and 6q23.3, respectively.

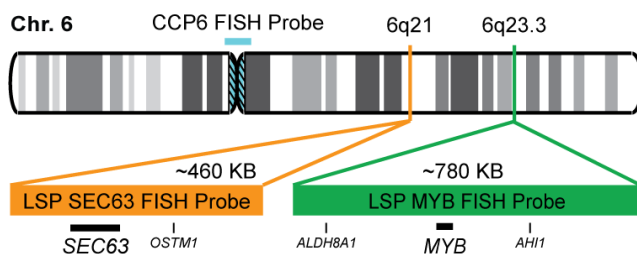
Cont.

Color

LSP SEC63 FISH Probe
LSP MYB FISH Probe
CCP6 FISH Probe

CytoOrange
CytoGreen
CytoAqua

Probe Design



Not to Scale

LSP SEC63 FISH Probe covers a chromosomal region which includes the entire SEC63 gene. LSP MYB FISH Probe covers a chromosomal region including the entire MYB gene. CCP6 FISH Probe, derived from chromosome 6-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 6 copies per cell.

Cat. No.

Volume

CT-PAC458-10-OGA

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

20G2A

Abnormal Patterns

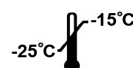
Other Patterns

- 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) Ramsay RG & Gonda TJ. *Nat Rev Cancer.* 8(7):523-34 (2008).
- 5) Murati A, et al. *Leukemia.* 23(1):85-94 (2009).

* 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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