

SEC63/CCP6 FISH Probe Kit

Introduction

The SEC63/CCP6 FISH Probe Kit is designed to detect the human *SEC63* gene located on chromosome band 6q21, along with the number of chromosome 6 copies per cell. Abnormal expression of the *SEC63* gene – also known as *ERdj2*, *SEC63L*, *DNAJC23* or *PRO2507* – has been observed in lymphoid malignancies such as chronic lymphocytic leukemia (CLL) and in other cancers.

Intended Use

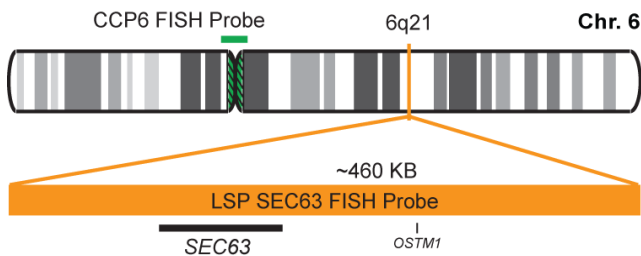
To measure the copy number of the human *SEC63* gene located on chromosome band 6q21.

Cont.	Color
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LSP SEC63 FISH Probe
CCP6 FISH Probe

CytoOrange
CytoGreen

Probe Design



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

Not to Scale

Cat. No.	Volume
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CT-PAC044-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

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).



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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.