

MYCT1/CCP6 FISH Probe Kit

Introduction

The MYCT1/CCP6 FISH Probe Kit is designed to detect the human *MYCT1* gene located on chromosome band 6q25.2, along with the number of chromosome 6 copies per cell. Deregulation of the *MYCT1* gene – also known as *FLJ21269* or *MTLC* – has been observed in hematopoietic and other malignancies.

Intended Use

To measure the copy number of the human *MYCT1* gene located on chromosome band 6q25.2.

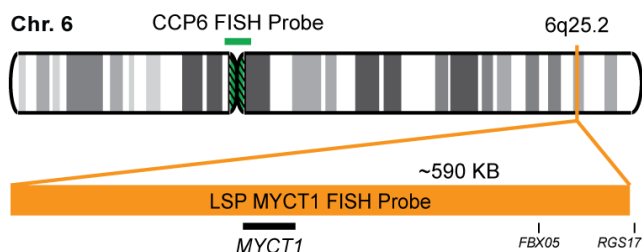
Cont.

Color

LSP MYCT1 FISH Probe
CCP6 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP MYCT1 FISH Probe covers a chromosomal region which includes the entire *MYCT1* 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-PAC242-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Wang HT, et al. *FEBS J.* 286(19):3892-3908 (2019).
- 2) Qiu GB, et al. *World J Gastroenterol.* 9(10):2160-3 (2003).
- 3) Fu S, et al. *PLoS One.* 6(10):e25648 (2011).
- 4) Liddiard K, et al. *Leukemia.* 26(1):177-9 (2012).
- 5) Kabir AU, et al. *Sci Transl Med.* 13(583):eabb6731 (2021).

* 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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