

MECOM/CCP3 FISH Probe Kit

Introduction

The MECOM/CCP3 FISH Probe Kit is designed to detect the human MECOM locus located on chromosome band 3q26.2, along with the number of chromosome 3 copies per cell. Rearrangements and abnormal expression of the MECOM gene – also known as EVI1, MDS1, PRDM3, MDS1-EVI1 or AML1-EVI-1 – have been observed in acute and chronic myelogenous leukemias, Myelodysplastic Syndrome (MDS) and other malignancies.

Intended Use

To measure the copy number of the human *MECOM* gene located on chromosome band 3q26.2.

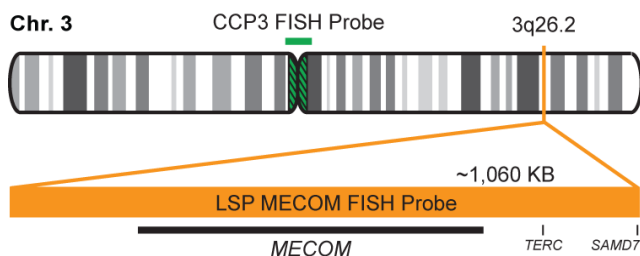
Cont.

Color

LSP MECOM FISH Probe
CCP3 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP MECOM FISH Probe covers a chromosomal region which includes the entire *MECOM* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Cat. No.

Volume

CT-PAC070-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Wieser R, et al. *Haematologica*. 88(1):25-30 (2003).
- 2) Stevens-Kroef M, et al. *Leukemia*. 18(6):1108-14 (2004).
- 3) Poppe B, et al. *Genes Chromosomes Cancer*. 45(4):349-56 (2006).
- 4) Yin CC, et al. *Cancer*. 106(8):1730-8 (2006).
- 5) Bobadilla D, et al. *Br J Haematol*. 136(6):806-13 (2007).

* 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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