

# MECOM/CCP3 FISH Probe Kit

## Introduction

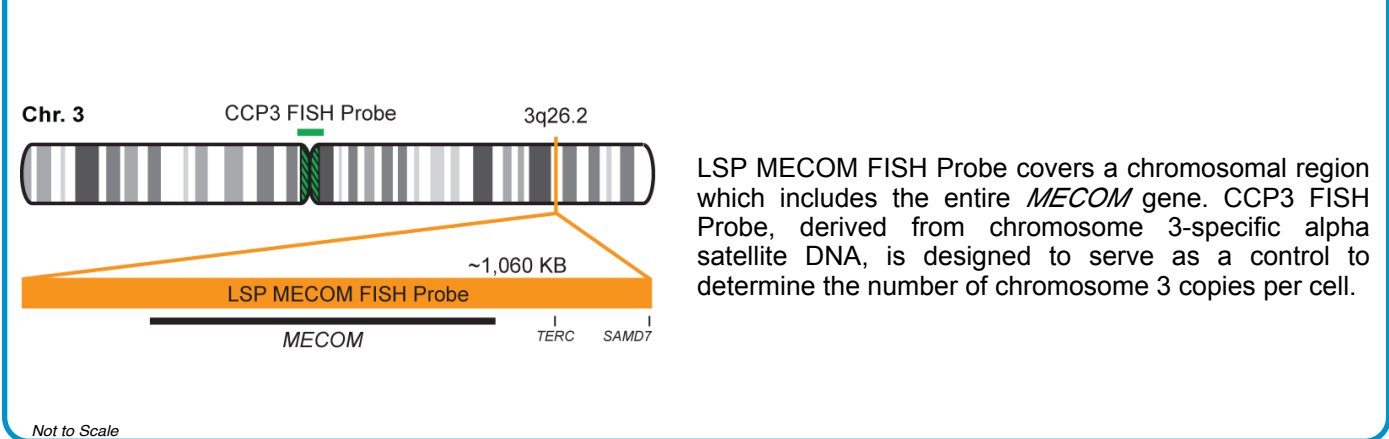
The MECOM/CCP3 FISH Probe Kit is designed to detect the human *MECOM* locus located on chromosome band 3q26.2, along with the number of chromosome 3 copies per cell. Rearrangements and abnormal expression of the *MECOM* gene – also known as *EV11*, *MDS1*, *PRDM3*, *MDS1-EV11* or *AML1-EVI-1* – have 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



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	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2O + 2G	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).



CytoTest Inc.  
9430 Key West Ave., Suite 210  
Rockville, MD 20850, USA

\* 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.