

KMT2A/CCP11 FISH Probe Kit

Introduction

The KMT2A/CCP11 FISH Probe Kit is designed to detect the human *KMT2A* gene located on chromosome band 11q23.3, along with the number of chromosome 11 copies per cell. Abnormal expression of the *KMT2A* gene – also known as *HRX*, *MLL*, *MLL1*, *TRX1*, *ALL-1*, *CXXC7*, *HTRX1*, *MLL1A*, *WDSTS*, *MLL/GAS7* or *TET1-MLL* – have been observed in a large number of acute leukemias and other malignancies.

Intended Use

To measure the copy number of the human *KMT2A* gene located on chromosome band 11q23.3.

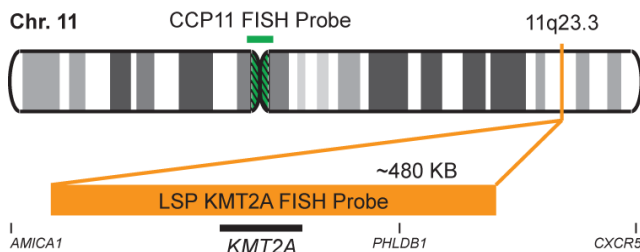
Cont.

LSP KMT2A FISH Probe
CCP11 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP KMT2A FISH Probe covers a chromosomal region which includes the entire *KMT2A* gene. CCP11 FISH Probe, derived from chromosome 11-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 11 copies per cell.

Cat. No.

CT-PAC137-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- Schichman SA, et al. *JAMA*. 273(7):571-6 (1995).
- Young BD & Saha V. *Cancer Surv.* 28:225-45 (1996).
- Huntsman DG, et al. *Oncogene*. 18(56):7975-84 (1999).
- Bernard OA & Berger R. *Genes Chromosomes Cancer*. 13(2):75-85 (1995).
- Dimartino JF & Cleary ML. *Br J Haematol*. 106(3):614-26 (1999).



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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.

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