

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.

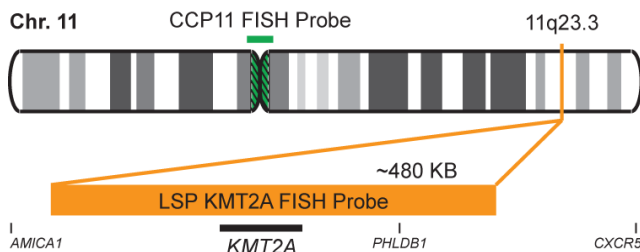
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Color

LSP KMT2A FISH Probe
CCP11 FISH Probe

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.

Volume

CT-PAC137-10-OG

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).

* 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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