

CRLF2/CCPX FISH Probe Kit

Introduction

The CRLF2/CCPX FISH Probe Kit is designed to detect the human CRLF2 gene located on chromosome bands Xp22.33 and Yp11.23, along with the number of chromosome X copies per cell. Rearrangements and abnormal expression of the CRLF2 gene – also known as CRL2, TSLPR or CRLF2Y – have been observed in adult and pediatric acute lymphoblastic leukemia (ALL) and various other malignancies.

Intended Use

To measure the copy number of the human CRLF2 gene located on chromosome bands Xp22.33 and Yp11.23.

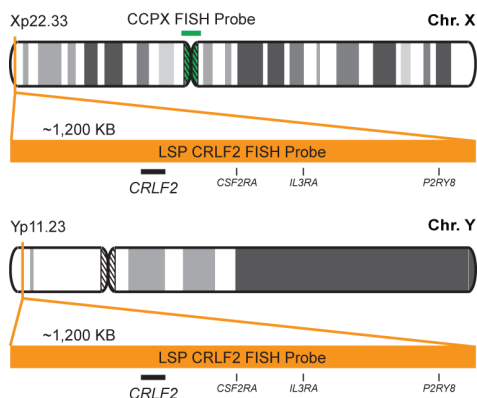
Cont.

Color

LSP CRLF2 FISH Probe
CCPX FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP CRLF2 FISH Probe covers a chromosomal region which includes the entire CRLF2 gene located on both chromosome X and Y. CCPX FISH Probe, derived from chromosome X-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome X copies per cell.

Cat. No.

Volume

CT-PAC252-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

201G or 202G

Abnormal Patterns

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Tsuchiya KD. *Clin Lab Med*. 31(4):525-42, vii-viii (2011).
- 3) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 4) Tonoizuka Y, et al. *Cytogenet Cell Genet*. 93(1-2):23-5 (2001).
- 5) Rand V, et al. *Blood*. 117(25):6848-55 (2011).

* 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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