

ABL2/CCP1 FISH Probe Kit

Introduction

The ABL2/CCP1 FISH Probe Kit is designed to detect the human *ABL2* gene located on chromosome band 1q25.2, along with the number of chromosome 1 copies per cell. Abnormal expression or rearrangements of the *ABL2* gene – also known as *ARG* or *ABLL* - has been observed in acute non-lymphocytic leukemia and numerous other cancer types.

Intended Use

To measure the copy number of the human *ABL2* gene located on chromosome band 1q25.2.

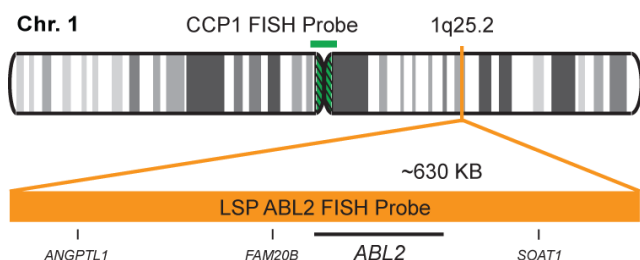
Cont.

LSP ABL2 FISH Probe
CCP1 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP ABL2 FISH Probe covers a chromosomal region which includes the entire *ABL2* gene. CCP1 FISH Probe, derived from chromosome 1-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 1 copies per cell.

Not to Scale

Cat. No.

CT-PAC039-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) Kruh GD, et al. *Science*. 234(4783):1545-8 (1986).
- 2) Seldin MF, et al. *Genomics*. 4(2):221-3 (1989).
- 3) Kruh GD, et al. *Proc Natl Acad Sci U S A*. 87(15):5802-6 (1990).
- 4) Cazzaniga G, et al. *Blood*. 94(12):4370-3 (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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