

IKZF1/CCP7 FISH Probe Kit

Introduction

The IKZF1/CCP7 FISH Probe Kit is designed to detect the human *IKZF1* gene located on chromosome band 7p12.2, along with the number of chromosome 7 copies per cell. Rearrangements in the *IKZF1* gene region – also known as *IK1*, *hIk-1*, *LYF1*, *LyF-1*, *Hs.54452*, *IKAROS*, *ZNFN1A1* or *PPP1R92* – have been observed in acute lymphoblastic leukemia (ALL) and other malignancies.

Intended Use

To measure the copy number of the human *IKZF1* gene located on chromosome band 7p12.2.

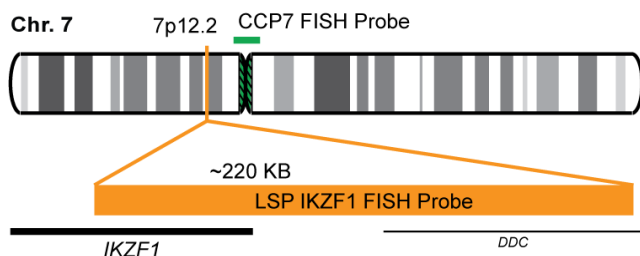
Cont.

Color

LSP IKZF1 FISH Probe
CCP7 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP IKZF1 FISH Probe covers a chromosomal region which includes the majority of the *IKZF1* gene. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell but is also useful in detecting gene rearrangements involving the 7 chromosome.

Cat. No.

Volume

CT-PAC486-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Eckardt JN, et al. Leukemia. 37(12):2395-2403 (2023).
- 2) Conserva MR, et al. Int J Mol Sci. 24(4):3282 (2023).
- 3) Braun M, et al. Hematol Oncol. 40(3):430-441 (2022).
- 4) Simonin M, et al. Blood. 137(12):1690-1694 (2021).
- 5) Stanulla M, et al. Blood. 135(4):252-260 (2020).

* 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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