

CDK14/CCP7 FISH Probe Kit

Introduction

The CDK14/CCP7 FISH Probe Kit is designed to detect the human *CDK14* gene located on chromosome bands 7q21.13, along with the number of chromosome 7 copies per cell. Abnormalities (typically chromosome 7 q-arm deletions) in *CDK14* – also known as *PFTK1* or *PFTAIRE1* – occur in malignant myeloid diseases (ex. CML, AML, etc.) and other malignancies.

Intended Use

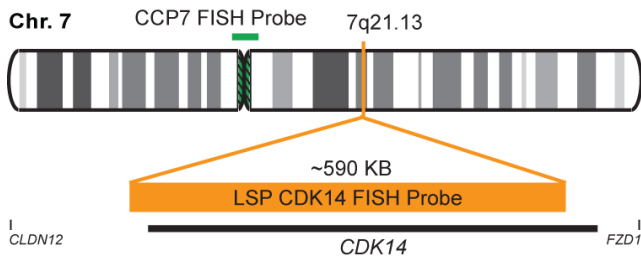
To measure the copy number of the human *CDK14* gene located on chromosome band 7q21.13.

Cont.	Color
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LSP CDK14 FISH Probe
CCP7 FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP CDK14 FISH Probe covers a chromosomal region which includes the *CDK14* 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.

Not to Scale

Cat. No.	Volume
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CT-PAC124-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Le Beau MM, et al. *Blood*. 88(6):1930-5 (1996).
- 2) Fischer K, et al. *Blood*. 89(6):2036-41 (1997).
- 3) Döhner K, et al. *Blood*. 92(11):4031-5 (1998).
- 4) Pedersen-Bjergaard J, et al. *Blood*. 86(9):3542-52 (1995).
- 5) Zompi S & Viguie F. *Leuk Lymphoma*. 43(2):275-80 (2002).



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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.