

DEK/CCP6 FISH Probe Kit

Introduction

The DEK/CCP6 FISH Probe Kit is designed to detect the human DEK gene located on chromosome band 6p22.3, along with the number of chromosome 6 copies per cell. Abnormalities in DEK – also known as D6S231E – have been found in acute myeloid leukemia (AML), myelodysplastic syndrome (MDS) and many other hematological malignancies.

Intended Use

To measure the copy number of the human *DEK* gene located on chromosome band 6p22.3.

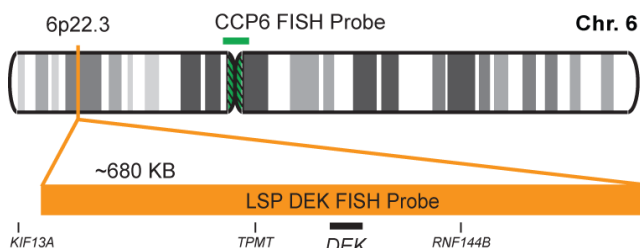
Cont.

LSP DEK FISH Probe
CCP6 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP DEK FISH Probe covers a chromosomal region which includes the entire *DEK* gene. CCP6 FISH Probe, derived from chromosome 6-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 6 copies per cell.

Cat. No.

CT-PAC129-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Pearson MG, et al. *Am J Hematol.* 18(4):393-403 (1985).
- 2) Lillington DM, et al. *Leukemia.* 7(4):527-31 (1993).
- 3) Oyarzo MP, et al. *Am J Clin Pathol.* 122(3):348-58 (2004).
- 4) Slovak ML, et al. *Leukemia.* 20(7):1295-7 (2006).
- 5) Koleva RI, et al. *Blood.* 119(21):4878-88 (2012).

* 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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