

DEK/CCP6 FISH Probe Kit

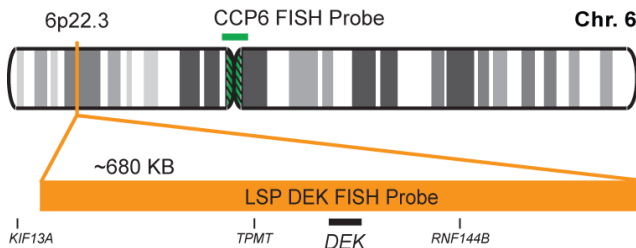
Introduction

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 <i>DEK</i> gene located on chromosome band 6p22.3.

Cont.	Color
LSP DEK FISH Probe CCP6 FISH Probe	CytoOrange CytoGreen

Probe Design



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.

Not to Scale

Cat. No.	Volume
CT-PAC129-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Patterns</u> 2O2G	<u>Abnormal Patterns</u> Other Patterns

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



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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.