

KAT6A-CREBBP Dual Fusion/Translocation FISH Probe Kit

Introduction

The KAT6A-CREBBP Dual Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human KAT6A and CREBBP genes, located on chromosome bands 8p11.21 and 16p13.3, respectively. KAT6A is also known as MOZ, MRD32, MYST3, MYST-3, ZNF220, RUNXBP2 or ZC2HC6A. CREBBP is also known as CBP, RSTS, KAT3A or RSTS1. Rearrangements involving portions of these two genes have been observed in various non-Ewing sarcomas, acute non-lymphocytic (AML) and monocytic leukemias, myelodysplastic syndrome and other tumor types.

Intended Use

To detect rearrangements involving the human *KAT6A* and *CREBBP* genes, located on chromosome bands 8p11.21 and 16p13.3, respectively.

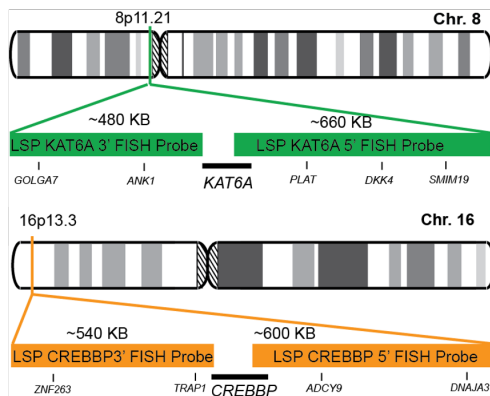
Cont.

LSP KAT6A 5'-3' FISH Probe
LSP CREBBP 5'-3' FISH Probe

Color

CytoGreen
CytoOrange

Probe Design



LSP KAT6A 5'-3' FISH Probe and LSP CREBBP 5'-3' FISH Probe cover the 5' (start) and 3' (end) portion and some adjacent genomic sequences of the *KAT6A* and *CREBBP* genes, respectively. The two probes are flanking sequences across the *KAT6A* and *CREBBP* genes in which variable breakpoints have been observed.

Cat. No.

CT-PAC335-10-GO

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Brizard, A, et al. *Leuk. Res.* 12(8):693-7 (1988).
- 2) Borrow, J, et al. *Nat. Genet.* 14(1):33041 (1996).
- 3) Aguilar RC, et al. *Blood* 90(8):3130-5 (1997).
- 2) Panagopoulos, I, et al. *PLoS ONE* 9(5):e96570 (2014).
- 5) Barret R, et al. *Pediatr. Blood Cancer* Aug;64(8) (2017).

* 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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