

ETV6-NTRK3 Dual Fusion/Translocation FISH Probe Kit

Introduction

The ETV6-NTRK3 Dual Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human ETV6 and NTRK3 genes, located on chromosome bands 12p13.2 and 15q25.3, respectively. ETV6 is also known as TEL, THC5 or TEL/ABL. NTRK3 is also known as TRKC, GP145-TrkC or gp145(trkC). Rearrangements involving portions of these two genes have been observed in acute myeloid leukemia (AML) and other malignancies.

Intended Use

To detect rearrangements involving the human *ETV6* and *NTRK3* genes, located on chromosome bands 12p13.2 and 15q25.3, respectively.

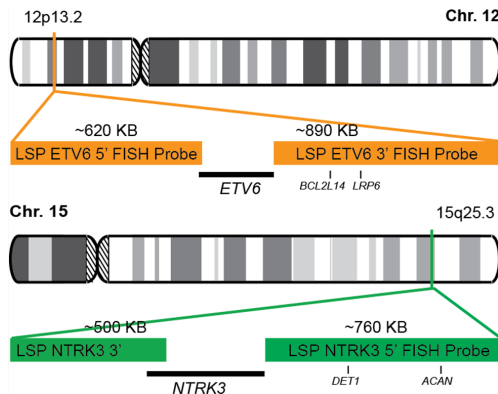
Cont.

LSP ETV6 5'-3' FISH Probe
LSP NTRK3 5'-3' FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP ETV6 5'-3' FISH Probe covers the 5' and the center sequences of the *ETV6* gene, and it also covers the 3' (end) part and the neighboring downstream region. LSP NTRK3 5'-3' FISH Probe covers some genomic sequences upstream and a stretch of the 5' (start) portion of the *NTRK3* gene, and it also covers the 3' end as well as sequences further downstream to the 3' end of the gene. The probe set is optimized to reveal translocations between the two regions.

Cat. No.

CT-PAC245-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

1) Eguchi M, et al. *Blood*. 93(4): 1355-1363 (1999).
 2) Lannon CL & Sorensen PH. *Seminars in cancer biology*. 15(3):215-223 (2005).
 3) Setoyama M, et al. *Blood*. 92(4):1454-1455 (1998).
 4) Baens M, et al. *Genome Res*. 6(5):404-13 (1996).
 5) Knezevich SR, et al. *Nature genetics*. 18(2):184-187 (1998).

* 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.