

PML-RARA Fusion/Translocation FISH Probe Kit

Introduction

The PML-RARA Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human *PML* and *RARA* genes, located on chromosome bands 15q24.1 and 17q21.2, respectively. Rearrangements between the two genes have been observed in acute promyelocytic leukemia and other malignancies.

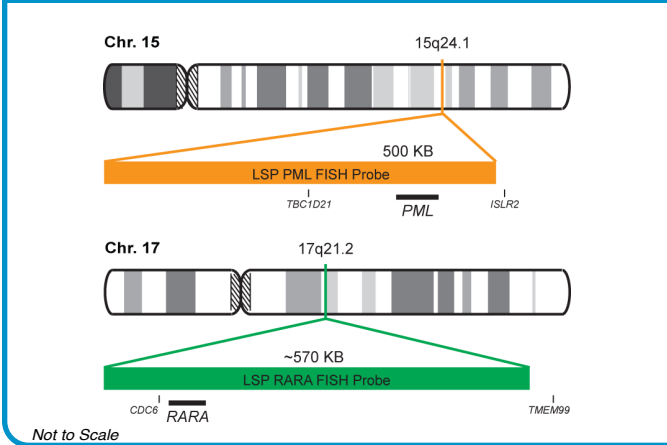
Intended Use

To detect rearrangements involving the human *PML* and *RARA* genes located on chromosome bands 15q24.1 and 17q21.2, respectively.

Cont.	Color
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LSP PML FISH Probe LSP RARA FISH Probe	CytoOrange CytoGreen
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Probe Design



LSP PML FISH Probe covers a chromosomal region which includes the entire *PML* gene. LSP RARA FISH Probe covers a chromosomal region including the entire *RARA* gene. The probe set is optimized to reveal translocations between the two genes.

Cat. No.	Volume
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CT-PAC304-10-OG	10 Tests (100 µL)
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Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
2O + 2G*	Other Patterns

*Overlapping orange and green signals can appear as yellow.

- 1) Kakizuka A, et al. *Cell*. 66(4):663-74 (1991).
- 2) Nervi C, et al. *Cancer Res*. 52(13):3687-92 (1992).
- 3) Casini T, et al. *Int J Cancer*. 70(4):473-4 (1997).
- 4) Grimwade D. *Br J Haematol*. 106(3):591-613 (1999).
- 5) Melnick A & Licht JD. *Blood*. 93(10):3167-215 (1999).



* 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.