

SNRPN/PML FISH Probe Kit

Introduction

The SNRPN/PML FISH Probe Kit is designed to detect the human *SNRPN* gene located on chromosome band 15q11.2, along with the human *PML* gene located on chromosome band 15q24.1. Altered expression of the *SNRPN* gene – also known as *SMN*, *PWCR*, *SM-D*, *sm-N*, *RT-LI*, *HCERN3*, *SNRNP-N*, *SNURF-SNRPN* – has been observed in some solid tumor types. Paternal copy deletion of this gene is observed in Prader-Willi Syndrom (PWS) individuals. Rearrangements involving *PML* are found in various malignancies.

Intended Use

To measure the copy number of the human *SNRPN* and *PML* genes, located on chromosome bands 15q11.2 and 15q24.1, respectively.

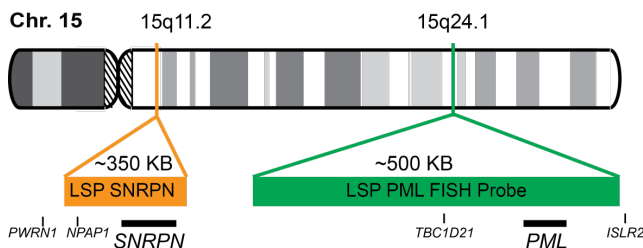
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Color

LSP SNRPN FISH Probe
LSP PML 5' FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP SNRPN FISH Probe covers a chromosomal region, which includes the entire *SNRPN* gene and some 5' and 3' adjacent genomic sequences, while LSP PML FISH Probe covers the complete *PML* gene.

Cat. No.

Volume

CT-PAC417-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- Han JY, et al. Am. J. Med. Genet. 87(5):395-8 (1999).
- Ribeiro Ferreira I, et al. Mol. Genet. Genomic Med. 7(6):e637 (2019).
- Schüle B, et al. BMC Med. Genet. 6:18 (2005.)
- Anderlid BM, et al. Am. J. Med. Genet. A. 164A(2):425-31 (2014)
- Nicholls RD, et al. Trends Genet. 14(5):194-200 (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.

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