CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

SNRPN/CCP15 FISH Probe Kit

Introduction

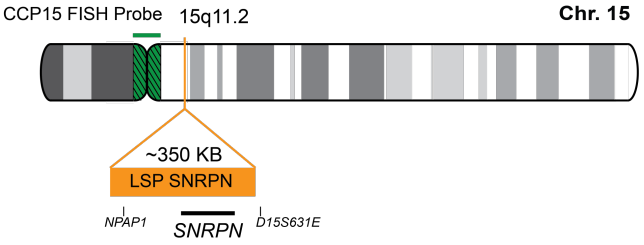
The SNRPN/CCP15 FISH Probe Kit is designed to detect the human *SNRPN* gene located on chromosome band 15q11.2, along with the number of chromosome 15 copies per cell. Altered expression of this gene – also known as *SMN*, *PWCR*, *SM-D*, *sm-N*, *RT-LI*, *HCERN3*, *SNRNP-N*, *SNURF-SNRPN* – has been observed in some solid tumor types. Paternal copy deletion of this gene is observed in Prader-Willi Syndrom (PWS) individuals.

Intended_Use

To measure the copy number of the human *SNRPN* gene located on chromosome band 15q11.2.

Cont.	Color
LSP SNRPN FISH Probe	CytoOrange
CCP15 FISH Probe	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. CCP15 FISH probe DNA, derived from chromosome 15-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 15 copies per cell.

Cat. No.	Volume
CT-PAC408-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1. Han JY, et al. Am. J. Med. Genet. 87(5):395-8 (1999).
2. Ribeiro Ferreira I, et al. Mol. Genet. Genomic Med. 7(6):e637 (2019).
3. Schüle B, et al. BMC Med. Genet. 6:18 (2005.)
4. Anderlid BM, et al. Am. J. Med. Genet. A. 164A(2)425-31 (2014)
5. Nicholls RD, et al. Trends Genet. 14(5):194-200 (1998).

-25°C -15°C

CE IVD

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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.