

NINL/PPP1R16B/CCP9 FISH Probe Kit

Introduction

The NINL/PPP1R16B/CCP9 FISH Probe Kit is designed to detect the human NINL gene, located on chromosome band 20p11.21, and the PPP1R16B gene on chromosome band 20q11.23, along with the number of chromosome 9 copies per cell. NINL is also known as NLP. PDCD1LG2 is also known as TIMAP or ANKRD4. Abnormal expression or rearrangements of both genes has been observed in various hematological and other malignancies.

Intended Use

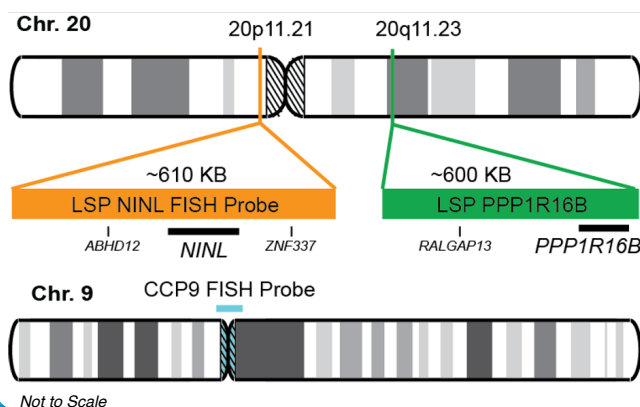
To measure the copy number of the human *NINL* and *PPP1R16B* genes located on chromosome bands 20p11.21 and 20q11.23, respectively.

Cont.

Color

LSP NINL FISH Probe	CytoOrange
LSP PPP1R16B FISH Probe	CytoGreen
CCP9 (Pericentromeric) FISH Probe	CytoAqua

Probe Design



LSP NINL FISH Probe covers a chromosomal region which includes the entire *NINL* gene. LSP PPP1R16B FISH Probe covers a chromosomal region which includes the entire *PPP1R16B* gene. CCP9 FISH Probe is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Cat. No.

Volume

CT-PAC216-10-OGA	10 Tests (100 µL)
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Signal Pattern Interpretation

Normal Patterns

2O2G2A

Abnormal Patterns

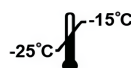
Other Patterns

- 1) Yu L, et al. *Oncol Rep.* 22(4):789-98 (2009).
- 2) Casenghi M, et al. *J Cell Sci.* 118(Pt 21):5101-8 (2005).
- 3) Poirier C, et al. *Respir Physiol Neurobiol.* 179(2-3):334-7 (2011).
- 4) Obeidat M, et al. *Am J Physiol Renal Physiol.* 307(5):F623-33 (2014).
- 5) Homma K, et al. *J Mol Biol.* 343(5):1207-20 (2004).

* 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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