

ELN/D7S486 FISH Probe Kit

Introduction

The ELN/D7S486 FISH Probe Kit is designed to detect the human *ELN* gene located on chromosome band 7q11.23 and the D7S486 STS marker region located on chromosome band 7q31.2. Abnormal expression due to gains or losses of the *ELN* gene – also known as *WS*, *WBS*, *SVAS* or *ADCL1* – has been observed in prostate carcinomas well as other malignancies. The *ELN* gene is frequently deleted in Williams Syndrome (WS) individuals.

Intended Use

To measure the copy number of the human *ELN* gene located on chromosome band 7q11.23.

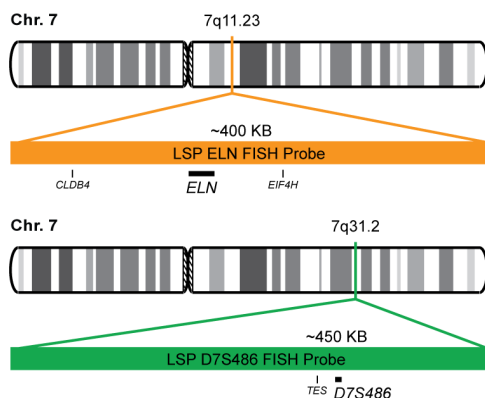
Cont.

LSP ELN FISH Probe
LSP D7S486 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP ELN FISH Probe covers a chromosomal region, which includes the entire *ELN* gene along with some flanking genomic sequences. LSP D7S486 FISH Probe covers a chromosomal region around D7S486 STS marker on chromosome 7.

Cat. No.

CT-PAC460-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Brøndum-Nielsen K., et al. Hum. Genet. 99(1):56-61 (1997).
- 2) Pérez Jurado LA, et al. Am J. Hum. Genet. 59(4):781-92 (1996).
- 3) Lowery MC., et al. Am. J. Hum. Genet. 57(1):49-53 (1995).
- 4) Leme DE, et al., Genet. Mol. Res. 12(3):3407-11 (2013).
- 5) Morris CA, Williams Syndrome. - In Adam MP, et al. (ed.s).
- 6) GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2019 1999 Apr 9 [updated 2017 Mar 23].

* 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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