

CARS/CCP11 FISH Probe Kit

Introduction

The CARS/CCP11 FISH Probe Kit is designed to detect the human CARS gene located on chromosome band 11p15.4, along with the number of chromosome 11 copies per cell. Rearrangements and abnormal expression of the CARS gene – also known as CARS1, CYSRS or MGC:11246 – have been observed in inflammatory myofibroblastic tumors (IMT) and several other tumor types.

Intended Use

To measure the copy number of the human CARS gene located on chromosome band 11p15.4.

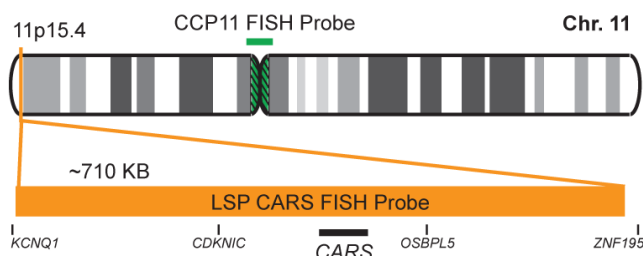
Cont.

Color

LSP CARS FISH Probe
CCP11 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP CARS FISH Probe covers a chromosomal region which includes the entire CARS gene. CCP11 FISH Probe, derived from chromosome 11-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 11 copies per cell.

Cat. No.

Volume

CT-PAC047-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Tsuchiya KD. *Clin Lab Med*. 31(4):525-42, vii-viii (2011).
- 3) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 4) Reid LH, et al. *Genomics*. 43(3):366-75 (1997).
- 5) Hu RJ, et al. *Genomics*. 46(1):9-17 (1997).

* 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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