

CHL1/CCP3 FISH Probe Kit

Introduction

The CHL1/CCP3 FISH Probe Kit is designed to detect the human CHL1 gene located on chromosome band 3p26.3, along with the number of chromosome 3 copies per cell. Abnormalities in CHL1 – also known as CALL or L1CAM2 – occur in a variety of cancers including lung, ovarian, esophageal squamous, breast and other malignancies.

Intended Use

To measure the copy number of the human *CHL1* gene located on chromosome band 3q26.3.

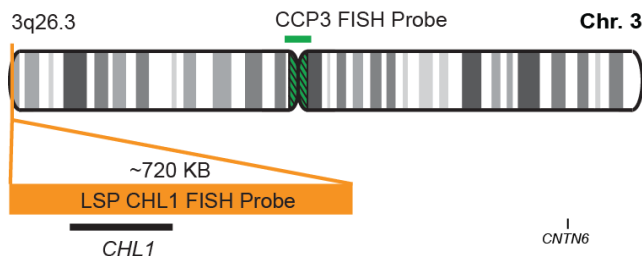
Cont.

LSP CHL1 FISH Probe
CCP3 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP CHL1 FISH Probe covers a chromosomal region, which includes the entire *CHL1* gene. CCP3 FISH Probe, derived from chromosome 3 specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Not to Scale

Cat. No.

CT-PAC262-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

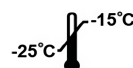
Other Patterns

- 1) HE LH, et al. *Biochem Biophys Res Commun.* 438(2):433-8 (2013).
- 2) Senchenko VN, et al. *PLoS One.* 6(3):e15612 (2011).
- 3) Gast D, et al. *Int J Cancer.* 115(4):658-65 (2005).
- 4) Ognibene M & Pezzolo A. *PLoS One.* 15(12):e0244069 (2020).
- 5) Manderson EN, et al. *Int J Gynecol Cancer.* 19(4):513-25.

* 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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