

MCF2L/LAMP1 FISH Probe Kit

Introduction

The MCF2L/LAMP1 FISH Probe Kit is designed to detect the human MCF2L gene, located on chromosomes band 13q34, and the LAMP1 gene region on chromosome band 13q34. Abnormalities in both genes have been reported in breast cancer and other malignancies.

Intended Use

To measure the copy number of the human *MCF2L* and *LAMP1* gene region located on chromosome band 13q34.

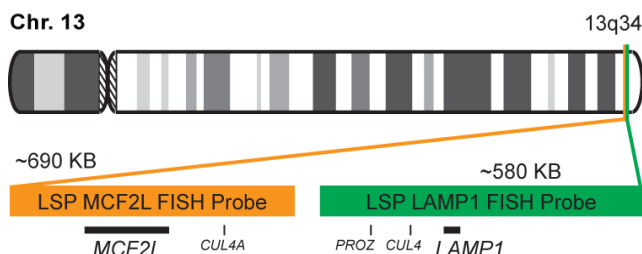
Cont.

Color

LSP MCF2L FISH Probe
LSP LAMP1 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP MCF2L FISH Probe covers a chromosomal region which includes the entire *MCF2L* gene. LSP LAMP1 FISH Probe, covering a chromosomal region around *LAMP1* gene located at 13q34, is designed to serve as a control to determine the number of chromosome 13 copies per cell.

Cat. No.

Volume

CT-PAC027-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- Charalsawadi C, et al. *Cytogenet Genome Res.* 144(1):1-8 (2014).
- Kazgan N, et al. *Gastroenterology.* 146(4):1006-16 (2014).
- Smith WJ, et al. *Biochemistry.* 44(40):13282-90 (2005).
- Kostenko EV, et al. *J Biol Chem.* 280(4):2807-17 (2005).
- Charalsawadi C, et al. *Cytogenet Genome Res.* 144(1):1-8 (2014).

* 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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