

D13S319/LAMP1 FISH Probe Kit

Introduction

The D13S319/LAMP1 FISH Probe Kit is designed to detect the human D13S319 STS marker region located on chromosome band 13q14.2 and the *LAMP1* gene – also known as *CD107a*, *LAMPA*, or *LGP120* – on chromosome band 13q34. Abnormalities in the two regions are commonly found in multiple myeloma but also occur on other tumor types.

Intended Use

To measure the copy number of the human D13S319 STS marker region located on chromosome band 13q14.2.

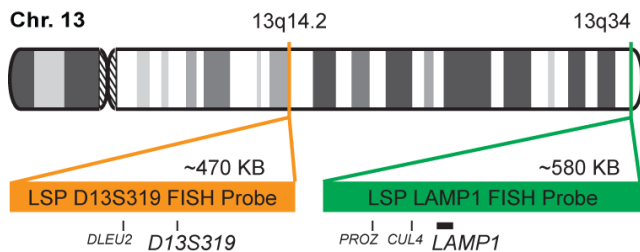
Cont.

LSP D13S319 FISH Probe
LSP LAMP1 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP D13S319 FISH Probe covers a chromosomal region around D13S319 STS marker on chromosome 13. 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 and to distinguish interstitial deletions from loss of the whole 13q chromosome arm.

Cat. No.

CT-PAC360-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- Chen L, et al. *Exp Oncol*. 29(2):116-20 (2007).
- Yuregir OO, et al. *Hematology*. 14(2):90-4 (2009).
- Dal Bo M, et al. *Genes Chromosomes Cancer*. 50(8):633-43 (2011).
- Hu Y, et al. *Chin Med J (Engl)*. 124(19):2981-5 (2011).
- Puiggros A, et al. *Genes Chromosomes Cancer*. 53(9):788-97 (2014).



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* 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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