

# D13S25/LAMP1 FISH Probe Kit

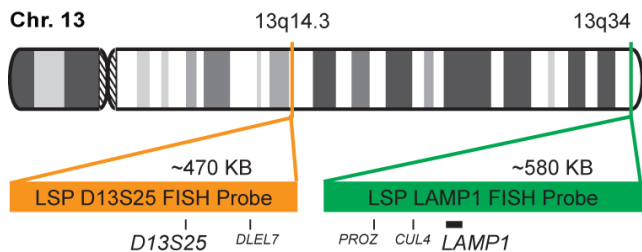
## Introduction

The D13S25/LAMP1 FISH Probe Kit is designed to detect the human D13S25 STS marker region located on chromosome band 13q14.3 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 in other tumor types.

Intended Use
To measure the copy number of the human D13S25 STS marker region located on chromosome band 13q14.3.

Cont.	Color
LSP D13S25 FISH Probe LSP LAMP1 FISH Probe	CytoOrange CytoGreen

## Probe Design



LSP D13S25 FISH Probe covers a chromosomal region around D13S25 STS marker on chromosome 13. LSP LAMP1 FISH Probe, covering a chromosomal region around the *LAMP1* gene located at 13q34, is designed to serve as a control to determine the number of chromosome 13q arm copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC359-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u> 2O + 2G	<u>Abnormal Pattern</u> Other Patterns

- 1) Kujawski M, et al. *Cancer Genet Cytogenet.* 137(1):54-8 (2002).
- 2) Yuregir OO, et al. *Hematology.* 14(2):90-4 (2009).
- 3) Kwon WK, et al. *Korean J Hematol.* 45(3):171-6 (2010).
- 4) Cavazzini F, et al. *Leuk Lymphoma.* 53(1):83-8 (2012).
- 5) Wu W, et al. *Zhongguo Shi Yan Xue Ye Xue Za Zhi.* 20(5):1095-8 (2012).



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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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