

TSC1/CCP9 FISH Probe Kit

Introduction

The TSC1/CCP9 FISH Probe Kit is designed to detect the human *TSC1* gene located on chromosome band 9q34.13, along with the number of chromosome 9 copies per cell. Abnormal expression of the *TSC1* gene – also known as *LAM* or *TSC* – has been observed in tuberous sclerosis, some kidney cancers and other conditions.

Intended Use

To measure the copy number of the human *TSC1* gene located on chromosome band 9q34.13.

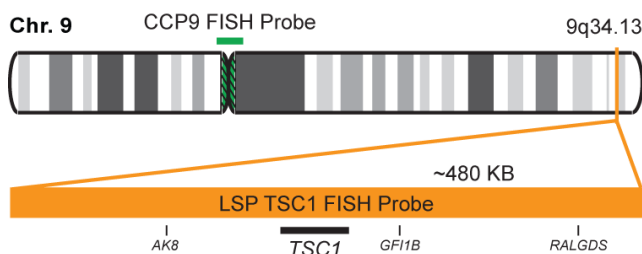
Cont.

LSP TSC1 FISH Probe
CCP9 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP TSC1 FISH Probe covers a chromosomal region which includes the entire *TSC1* gene. CCP9 FISH Probe, derived from chromosome 9-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Cat. No.

CT-PAC031-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

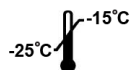
Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) van Slechtenhorst M, et al. *Science*. 277(5327):805-8 (1997).
- 2) Milloza A, et al. *Hum Mol Genet*. 9(12):1721-7 (2000).
- 3) Hendy GN, et al. *Hum Mutat*. 16(4):281-96 (2000).
- 4) Dabora SL, et al. *Am J Hum Genet*. 68(1):64-80 (2001).
- 5) Johnson MW, et al. *Mod Pathol*. 14(3):202-10 (2001).



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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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