

TP73/CCP1 FISH Probe Kit

Introduction

The TP73/CCP1 FISH Probe Kit is designed to detect the human *TP73* gene located on chromosome band 1p36.32, along with the number of chromosome 1 copies per cell. Abnormal expression of the *TP73* gene – also known as *P73* – has been observed in various cancer types.

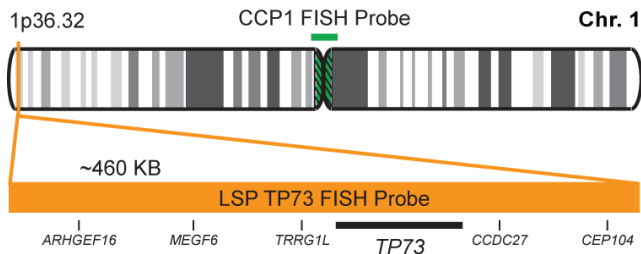
Intended Use

To measure the copy number of the human *TP73* gene located on chromosome band 1p36.32.

Cont.	Color
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LSP TP73 FISH Probe	CytoOrange CytoGreen
CCP1 FISH Probe	

Probe Design



LSP TP73 FISH Probe covers a chromosomal region which includes the entire *TP73* gene. CCP1 FISH Probe, derived from chromosome 1-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 1 copies per cell.

Not to Scale

Cat. No.	Volume
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CT-PAC038-10-OG	10 Tests (100 µL)
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Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
2O + 2G	Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Perri P, et al. *Cytogenet Cell Genet*. 84(1-2):111-4 (1999).
- 3) Judson H, et al. *Hum Genet*. 106(4):406-13 (2000).
- 4) Inokuchi K, et al. *Genes Chromosomes Cancer*. 32(2):182-7 (2001).
- 5) Lestou VS, et al. *Genes Chromosomes Cancer*. 36(4):375-81 (2003).



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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.