CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

TP73/ABL2, GLTSCR1/ZNF443 FISH Probe Kit

Introduction

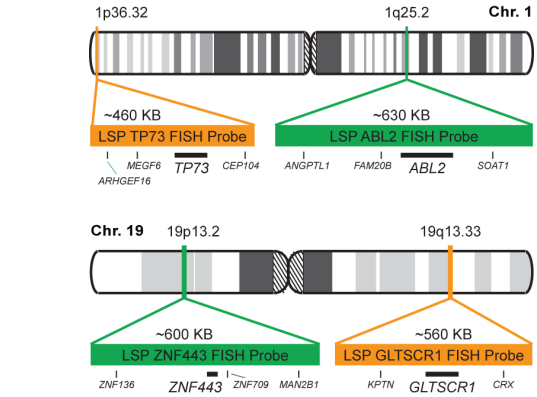
The TP73/ABL2, GLTSCR1/ZNF443 FISH Probe Kit is designed to simultaneously detect rearrangements involving the human TP73 and ABL2 genes, located on chromosome bands 1p36.32 and 1q25.2, respectively, and the human GLTSCR1 (19q13.33) and ZNF443 (19p13.2) genes. Deletions and other abnormalities of these regions have been observed in gliomas, astrocytomas and various other malignancies.

Intended Use

To measure the copy number of the human *TP73*, *ABL2*, *GLTSCR1* and *ZNF443* genes located on chromosome band 1p36.32, 1q25.2, 19q13.33 and 19p13.2, respectively.

Cont.	Color
Vial 1: LSP TP73 FISH Probe	CytoOrange
LSP ABL2 FISH Probe	CytoGreen
Vial 2: LSP GLTSCR1 FISH Probe	CytoOrange
LSP ZNF443 FISH Probe	CytoGreen

Probe Design



Not to Scale

LSP TP73 FISH Probe covers a chromosomal region which includes the entire *TP73* gene. LSP ABL2 FISH Probe covers a chromosomal region including the entire *ABL2* gene. LSP GLTSCR1 FISH Probe covers a chromosomal region which includes the entire *GLTSCR1* gene. LSP ZNF443 FISH Probe covers a chromosomal region which includes the entire *ZNF443* gene.

Cat. No.	Volume
CT-PAC037-10-OGOG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns
2O2G	

1) Kruh GD, et al. *Science*. 234(4783):1545-8 (1986).
2) Seldin MF & Kruh GD. *Genomics*. 4(2):221-3 (1989).
3) Kruh GD, et al. *Proc Natl Acad Sci U S A*. 87(15):5802-6 (1990).
4) Cazzaniga G, et al. *Blood*. 94(12):4370-3 (1999).

-25°C -15°C IVD

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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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