

## GLTSCR1/CCP19 FISH Probe Kit

### Introduction

The GLTSCR1/CCP19 FISH Probe Kit is designed to detect the human *GLTSCR1* gene located on chromosome band 19q13.33, along with the number of chromosome 19 copies per cell. Abnormal expression of the *GLTSCR1* gene has been observed in some brain tumors and other cancer types.

### Intended Use

To measure the copy number of the human *GLTSCR1* gene located on chromosome band 19q13.33.

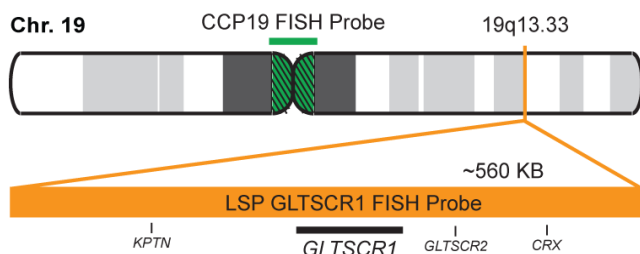
### Cont.

LSP GLTSCR1 FISH Probe  
CCP19 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



LSP GLTSCR1 FISH Probe covers a chromosomal region which includes the entire *GLTSCR1* gene. CCP19 FISH Probe, derived from chromosome 19-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 19 copies per cell.

Not to Scale

### Cat. No.

CT-PAC040-10-OG

### Volume

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Pattern

2O + 2G

#### Abnormal Pattern

Other Patterns

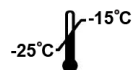
1) Smith JS, et al. *Genomics*. 64(1):44-50 (2000).

2) Yang P, et al. *Cancer*. 103(11):2363-72 (2005).

3) Wrensch M, et al. *Neuro Oncol*. 7(4):495-507 (2005).

4) McKean-Cowdin R, et al. *Cancer Epidemiol Biomarkers Prev*. 18(4):1118-26 (2009).

5) Rajaraman P, et al. *Neuro Oncol*. 12(1):37-48 (2010).



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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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