

## GLO1/CCP6 FISH Probe Kit

### Introduction

The GLO1/CCP6 FISH Probe Kit is designed to detect the human GLO1 gene located on chromosome band 6p21.2, along with the number of chromosome 6 copies per cell. Amplification and abnormal expression of the GLO1 gene – also known as GLYI, GLOD1 or HEL-S-74 – have been observed in hepatocellular carcinoma, malignant melanoma and other tumor types.

### Intended Use

To measure the copy number of the human GLO1 gene located on chromosome band 6p21.2.

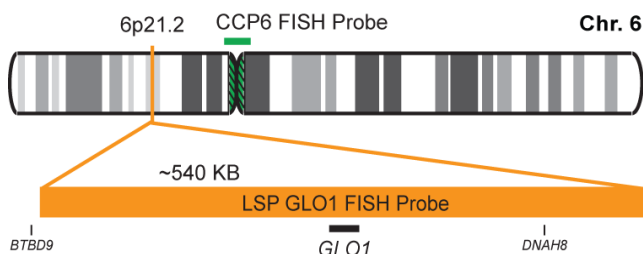
### Cont.

LSP GLO1 FISH Probe  
CCP6 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



LSP GLO1 FISH Probe covers a chromosomal region which includes the entire GLO1 gene. CCP6 FISH Probe, derived from chromosome 6-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 6 copies per cell.

Not to Scale

### Cat. No.

CT-PAC068-10-OG

### Volume

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Tsuchiya KD. *Clin Lab Med*. 31(4):525-42, vii-viii (2011).
- 3) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 4) Rassool FV, et al. *Cytogenet Cell Genet*. 71(1):62-3 (1995).
- 5) Zhang S, et al. *Int J Clin Exp Pathol*. 7(5):2079-90 (2014).

\* 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.

DCN032

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