

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.

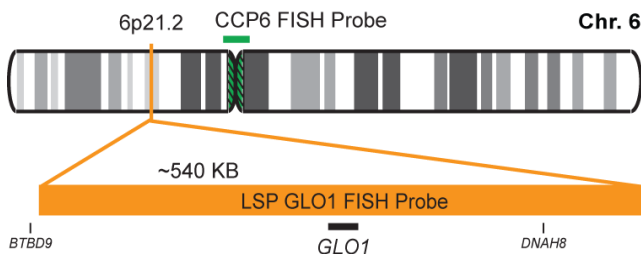
Intended Use

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

Cont.	Color
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LSP GLO1 FISH Probe	CytoOrange CytoGreen
CCP6 FISH Probe	

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.	Volume
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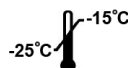
CT-PAC068-10-OG	10 Tests (100 µL)
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Signal Pattern Interpretation

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



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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.