

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.

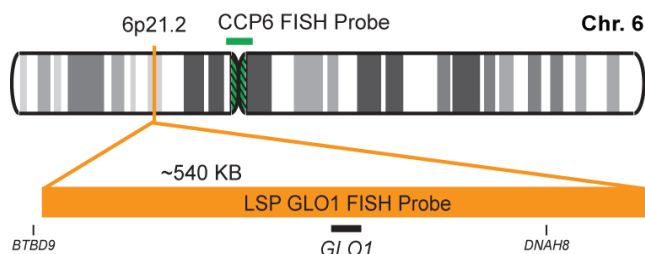
Cont.

LSP GLO1 FISH Probe
CCP6 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

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.

Cat. No.

CT-PAC068-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

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).



CytoTest Inc.
9430 Key West Ave., Suite 210
Rockville, MD 20850, USA

* 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.

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com