

GLI1/CCP12 FISH Probe Kit

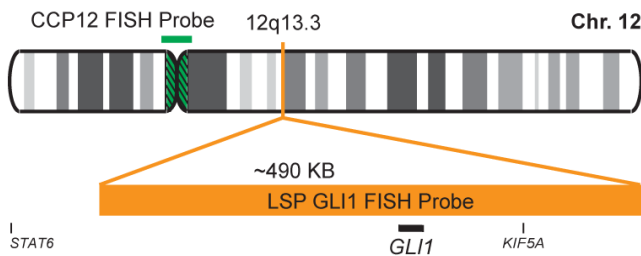
Introduction

The GLI1/CCP12 FISH Probe Kit is designed to detect the human *GLI1* gene located on chromosome band 12q13.3, along with the number of chromosome 12 copies per cell. The *GLI1* gene – also called *GLI* – is an oncogene that is expressed and sometimes amplified in several human cancers.

Intended Use
To measure the copy number of the human <i>GLI1</i> gene located on chromosome band 12q13.3.

Cont.	Color
LSP GLI1 FISH Probe CCP12 FISH Probe	CytoOrange CytoGreen

Probe Design



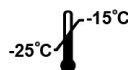
LSP GLI1 FISH Probe covers a chromosomal region which includes the entire *GLI1* gene. CCP12 FISH Probe, derived from chromosome 12-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 12 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC134-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Patterns</u> 2O2G	<u>Abnormal Patterns</u> Other Patterns

- 1) Easton DF. *Int J Radiat Biol.* 66(6 Suppl):S177-82 (1994).
- 2) Broeks A, et al. *Am J Hum Genet.* 66(2):494-500 (2000).
- 3) Carpenter RL & Lo HW. *Vitam Horm.* 88:115-40 (2012).
- 4) Heikinheimo K, et al. *J Dent Res.* 86(6):544-9 (2007).
- 5) Yoon JW, et al. *J Biol Chem.* 277(7):5548-55 (2002).



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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.