

TFG/CCP3 FISH Probe Kit

Introduction

The TFG/CCP3 FISH Probe Kit is designed to detect the human *TFG* gene located on chromosome band 3q12.2, along with the number of chromosome 3 copies per cell. Rearrangements and abnormal expression of the *TFG* gene – also known as *TF6*, *HMSNP*, *SPG57* or *TRKT3* – have been observed in anaplastic large cell lymphoma, thyroid papillary carcinoma, extraskeletal myxoid chondrosarcoma, renal cell carcinoma and other cancer types.

Intended Use

To measure the copy number of the human *TFG* gene located on chromosome band 3q12.2.

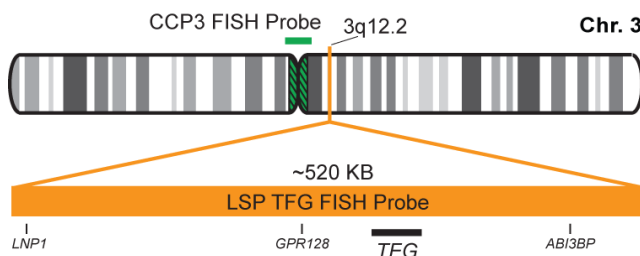
Cont.

LSP TFG FISH Probe
CCP3 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP TFG FISH Probe covers a chromosomal region which includes the entire *TFG* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

Cat. No.

CT-PAC197-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

- 1) Greco A, et al. *Mol Cell Biol.* 15(11):6118-27 (1995).
- 2) Mencinger M, et al. *Genomics.* 41(3):327-31 (1997).
- 3) Hernández L, et al. *Blood.* 94(9):3265-8 (1999).
- 4) Hernández L, et al. *Am J Pathol.* 160(4):1487-94 (2002).
- 5) Hisaoka M, et al. *Genes Chromosomes Cancer.* 40(4):325-8 (2004).

* 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.