

FGFR1/CCP8 FISH Probe Kit

Introduction

The FGFR1/CCP8 FISH Probe Kit is designed to detect the human FGFR1 gene located on chromosome band 8p11.23, along with the number of chromosome 8 copies per cell. Abnormal expression or rearrangements of the FGFR1 gene – also known as CEK, FLG, HH2, OGD, FLT2, KAL2, BFGFR, CD331, FGFR, FLT-2, HBGFR, N-SAM, FGFR-1, HRTFDS or bFGF-R-1 – have been observed in a large number of hematological and solid tumor types, and other conditions.

Intended Use

To measure the copy number of the human *FGFR1* gene located on chromosome band 8p11.23.

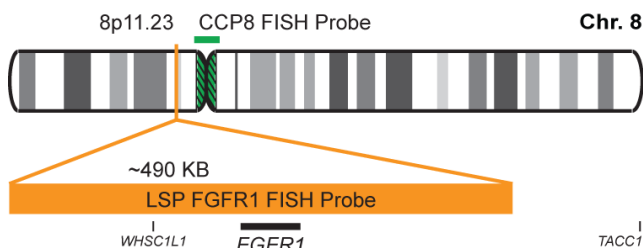
Cont.

Color

LSP FGFR1 FISH Probe
CCP8 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP FGFR1 FISH Probe covers a chromosomal region which includes the entire *FGFR1* gene. CCP8 FISH Probe, derived from chromosome 8-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 8 copies per cell.

Cat. No.

Volume

CT-PAC130-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Elbauomy Elsheikh S, et al. *Breast Cancer Res.* 9(2):R23 (2007).
- 2) Freier K, et al. *Oral Oncol.* 43(1):60-6 (2007).
- 3) Sahadevan K, et al. *J Pathol.* 213(1):82-90 (2007).
- 4) Sugiura K, et al. *Oncol Rep.* 2007 Mar;17(3):557-64 (2007).
- 5) Park TS, et al. *Cancer Genet Cytogenet.* 181(2):93-9 (2008).

* 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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