

FGFR2/CCP10 FISH Probe Kit

Introduction

The FGFR2/CCP10 FISH Probe Kit is designed to detect the human FGFR2 gene located on chromosome band 10q26.13, along with the number of chromosome 10 copies per cell. Abnormal expression or rearrangements of the FGFR2 gene – also known as BEK, CD332, CEK3, ECT1, KGFR, K-sam, TK14 or TK25 – have been observed in a large number of solid tumor types, such as endometrial (uterus), lung, breast, gastric, ovarian, prostate and bladder, and other malignancies.

Intended Use

To measure the copy number of the human *FGFR2* gene located on chromosome band 10q26.13.

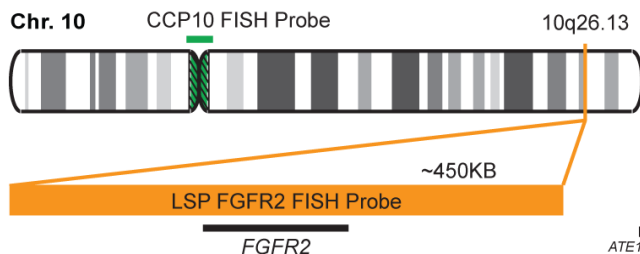
Cont.

Color

LSP FGFR2 FISH Probe
CCP10 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP FGFR2 FISH Probe covers a chromosomal region which includes the entire *FGFR2* gene. CCP10 FISH Probe, derived from chromosome 10-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 10 copies per cell.

Cat. No.

Volume

CT-PAC131-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

Abnormal Patterns

Other Patterns

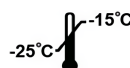
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- Mor O, et al. *Cancer Genet Cytogenet*. 65(2):111-4 (1993).
- Diez de Medina SG, et al. *Oncogene*. 14(3):323-30 (1997).
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* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.

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V2024.01.01

T-07-10-PAC131-OG-EN