

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*, *FGFBR*, *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.

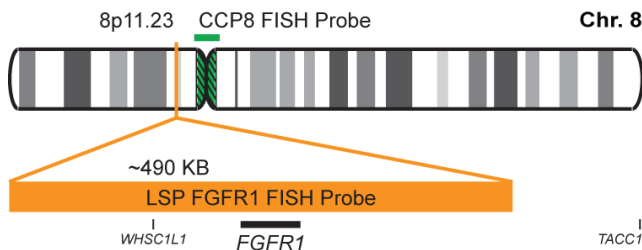
Intended Use

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

Cont.	Color
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LSP FGFR1 FISH Probe	CytoOrange CytoGreen
CCP8 FISH Probe	

Probe Design



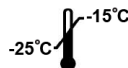
LSP FGFR1 FISH Probe covers a chromosomal region which includes the entire *FGFR1* gene. CCP8 FISH Probe, derived from chromosome 8-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 8 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC130-10-OG	10 Tests (100 µL)

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



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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.