

## CHFR/CCP12 FISH Probe Kit

### Introduction

The CHFR/CCP12 FISH Probe Kit is designed to detect the human CHFR gene located on chromosome band 12q24.33, along with the number of chromosome 12 copies per cell. Abnormalities in CHFR – also known as RNF116 or RNF196 – occur in various types of cancers such as colorectal, breast, lung, acute myeloid leukemia (AML), B-cell non-Hodgkin lymphoma and other malignancies.

### Intended Use

To measure the copy number of the human *CHFR* gene located on chromosome band 12q24.33.

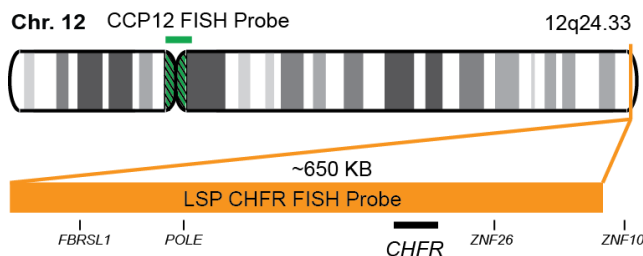
### Cont.

### Color

LSP CHFR FISH Probe  
CCP12 FISH Probe

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

LSP CHFR FISH Probe covers a chromosomal region, which includes the entire *CHFR* 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.

### Cat. No.

### Volume

CT-PAC278-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

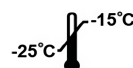
Other Patterns

- 1) Zhou JD, et al. *J Cell Physiol.* 233(6):4707-4714 (2018).
- 2) Song A, et al. *Leuk Res.* 39(5):536-43 (2015).
- 3) Derks S, et al. *Cancer Metastasis Rev.* 33(1):161-71 (2014).
- 4) Pelosof L, et al. *Int J Cancer.* 134(3):596-605 (2014).
- 5) Sanbhnani S & Yeong FM. *Cell Mol Life Sci.* 69(10):1669-87 (2012).

\* 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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