

## RBFA/CCP18 FISH Probe Kit

### Introduction

The RBFA/CCP18 FISH Probe Kit is designed to detect the human RBFA gene located on chromosome band 18q23, along with the number of chromosome 18 copies per cell. The RBFA gene is also known as HsT169 or C18orf22. The RBFA gene is predicted to be involved in rRNA processing and to be located in mitochondrion.

### Intended Use

To measure the copy number of the human *RBFA* gene located on chromosome band 18q23.

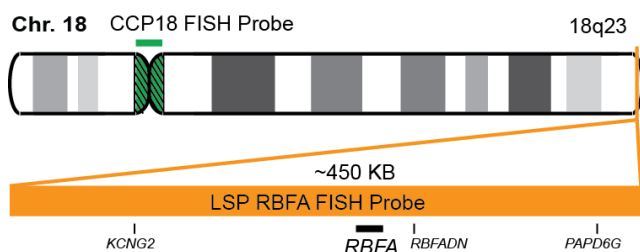
### Cont.

LSP RBFA FISH Probe  
CCP18 FISH Probe

### Color

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

LSP RBFA FISH Probe covers a chromosomal region which includes the entire *RBFA* gene. CCP18 FISH Probe, derived from chromosome 18-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 18 copies per cell.

### Cat. No.

CT-PAC286-10-OG

### Volume

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

Other Patterns

- 1) Rozanska A, et al. *Biochem J.* 474(13):2145-2158 (2017).
- 2) Hauri S, et al. *Mol Syst Biol.* 9:713 (2013).
- 3) Lamesch P, et al. *Genomics.* 89(3):307-15 (2007).
- 4) Nassa G, et al. *Sci Data.* 6(1):173 (2019).
- 5) Lu H, et al. *Nat Commun.* 8(1):2039 (2017).

\* 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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