

## WT1-EWSR1 Fusion/Translocation FISH Probe Kit

### Introduction

The WT1-EWSR1 Fusion/Translocation FISH Probe Kit is designed to detect rearrangements involving the human WT1 and EWSR1 genes located on chromosome bands 11p13 and 22q12.2, respectively. Rearrangements between the two genes, the WT1 gene – also known as GUD, AWT1, WAGR, WT33, NPHS4, WIT-2 or EWS-WT1 – and the EWSR1 gene – also called EWS or bK984G1.4, have been found in desmoplastic small round cell tumor (DSRCT) and other tumor types and conditions.

### Intended Use

To detect rearrangements involving the human *WT1* and *EWSR1* genes located on chromosome bands 11p13 and 22q12.2, respectively.

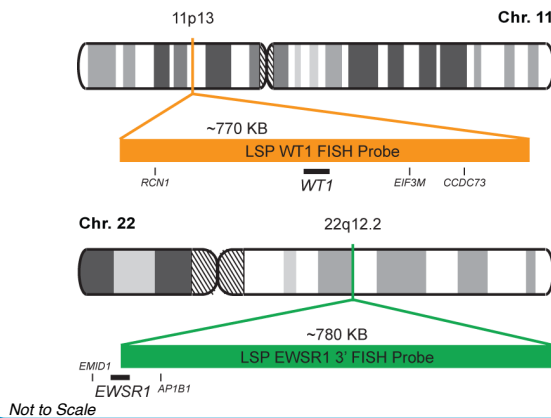
### Cont.

### Color

LSP WT1 FISH Probe  
LSP EWSR1 3' FISH Probe

CytoOrange  
CytoGreen

### Probe Design



LSP WT1 FISH Probe covers a chromosomal region which includes the entire *WT1* gene. LSP EWSR1 3' FISH Probe covers the 3' (end) part as well as sequences downstream of the *EWSR1* gene. The probe set is optimized to reveal translocations between the two gene regions.

### Cat. No.

### Volume

CT-PAC098-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

2O2G\*

#### Abnormal Patterns

Other Patterns

\*Overlapping orange and green signals can appear as yellow.

- 1) Call KM, et al. *Cell*. 60(3):509-20 (1990).
- 2) Gessler M, et al. *Genomics*. 12(4):807-13 (1992).
- 3) Varanasi R, et al. *Proc Natl Acad Sci U S A*. 91(9):3554-8 (1994).
- 4) Gerald WL, et al. *Proc Natl Acad Sci U S A*. 92(4):1028-32 (1995).
- 5) Little M & Wells C. *Hum Mutat*. 9(3):209-25 (1997).

\* 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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