

## SRY/CCPX FISH Probe Kit

### Introduction

The SRY/CCPX FISH Probe Kit is designed to detect the human SRY gene located on chromosome band Yp11.31, along with the number of chromosome X copies per cell. Rearrangements in the SRY gene region – also known as TDF, TDY, SRXX1 or SRXY1 – have been observed in a number of heritable and somatic conditions.

### Intended Use

To measure the copy number of the human SRY gene located on chromosome band Yp11.31.

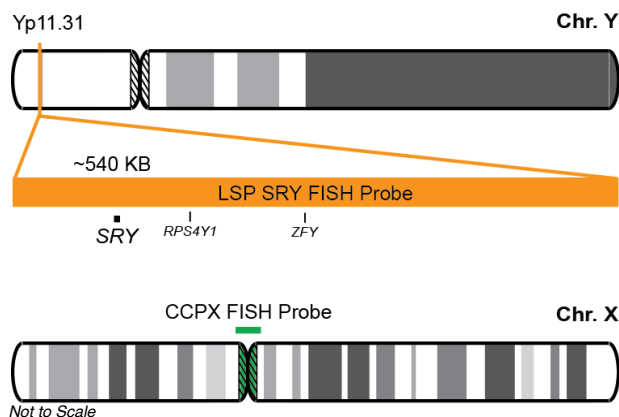
### Cont.

### Color

LSP SRY FISH Probe  
CCPX FISH Probe

CytoOrange  
CytoGreen

### Probe Design



LSP SRY FISH Probe covers a chromosomal region which includes the entire SRY gene. CCPX FISH Probe, derived from chromosome X-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome X copies per cell but is also useful in detecting gene rearrangements involving the X chromosome.

### Cat. No.

### Volume

CT-PAC402-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

1G1O (Male)  
2G (Female)

#### Abnormal Patterns

Other Patterns

- 1) Kocova M, et al. *Endocr Pathol.* 6(4):311-322 (1995).
- 2) Mohammed F & Tayel SM. *J Clin Forensic Med.* 12(3):122-7 (2005).
- 3) Premi S, et al. *Mol Hum Reprod.* 12(2):113-21 (2006).
- 4) Chien SC, et al. *Am J Med Genet A.* 149A(12):2775-81 (2009).
- 5) Beneteau C, et al. *Am J Med Genet A.* 161A(6):1436-41 (2013).

\* 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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