

XIST/CCPX FISH Probe Kit

Introduction

The XIST/CCPX FISH Probe Kit is designed to detect the human XIST gene located on chromosome band Xq13.2, along with the number of chromosome X copies per cell. Rearrangements in the XIST gene region – also known as SX11, swd66, DXS1089, DXS399E, LINC00001 or NCRNA00001 – have been observed in a number of familial and other conditions.

Intended Use

To measure the copy number of the human *XIST* gene located on chromosome band Xq13.2.

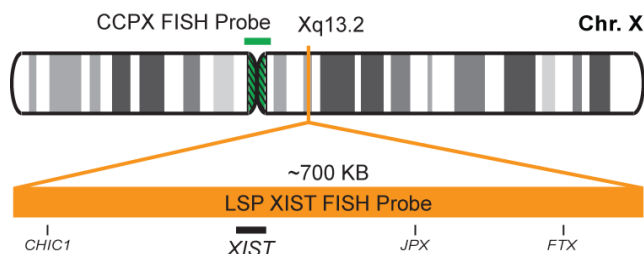
Cont.

Color

LSP XIST FISH Probe
CCPX FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

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

Cat. No.

Volume

CT-PAC020-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Tsuchiya KD. *Clin Lab Med*. 31(4):525-42, vii-viii (2011).
- 3) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 4) Rupert JL, et al. *Eur J Hum Genet*. 3(6):333-43 (1995).
- 5) Hong YK, et al. *Mamm Genome*. 11(3):220-4 (2000).

* 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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