

CCP18/CCPX/CCPY FISH Probe Kit

Introduction

The CCP18/CCPX/CCPY FISH Probe Kit is designed to simultaneously determine the copy number of human chromosomes 18, X and Y, and to detect copy number aberrations in these chromosomes, in metaphase and interphase blood and tissue cells. Trisomies of chromosome 18 as well as sex chromosome aneuploidies are common prenatal chromosomal aberrations. While the panel can also reveal other copy number defects including mono-, tetra- and polyploidies and other anomalies, a diverse range of specific abnormalities may not be detected by this panel such as localized inversions or balanced intrachromosomal translocations, centromeric polymorphisms, some microdeletions or microduplications, and other defect types.

Intended Use

To detect copy number aberrations involving chromosomes 18 and sex chromosomes.

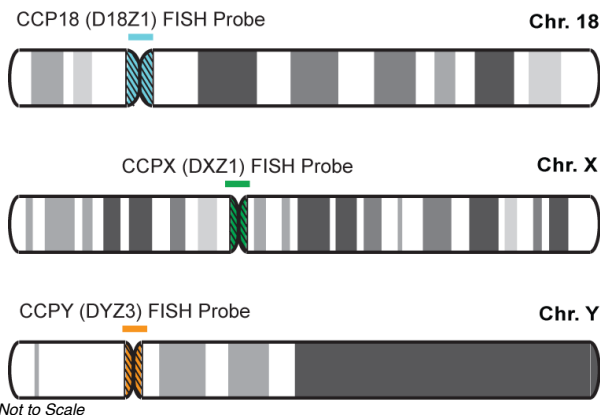
Cont.

CCP18 FISH Probe
CCPX FISH Probe
CCPY (DYZ3) FISH Probe

Color

CytoAqua
CytoGreen
CytoOrange

Probe Design



CCP18, CCPX (DXZ1) and CCPY (DYZ3) FISH Probe are derived from chromosome 18-, X- and Y-specific alpha satellite DNA, respectively.

Cat. No.

Volume

CT-PAC214-10-AGO

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2A1G1O (Male)
2A2G (Female)

Abnormal Patterns

Other Patterns

- 1) Schwartz S. Am J Hum Genet 52:851-853 (1993).
- 2) Lewin P, et al. Prenat Diagn 20(1):1-6 (2000).
- 3) Tepperberg J, et al. Prenat Diagn 21(4):293-301 (2001).
- 4) ACMG/ASHG. Genetics in Medicine 2(6):356 – 361 (2000).
- 5) Stumm M, et al. Cytogenet Genome Res 114(3-4):296-301 (2006).

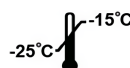
* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.

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