CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

Whole Chromosome 3 Painting FISH Probe

Introduction

Whole Chromosome 3 Painting FISH Probe (WPP3) is designed to determine copy number and integrity of complete human chromosome 3 and detect abnormalities of the chromosome.

Intended Use

To measure copy number and integrity of human chromosome 3.

Cont.	Color
WPP3 FISH Probe	CytoOrange

Probe Design

Not to Scale

Whole Chromosome 3 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 3.

Cat. No.	Volume
CT-WPP003-10-O	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O	Other Patterns

1) O'Connor C. *Nature Education.* 1:1 (2008).
2) Tsuchiya KD. *Clin Lab Med.* 31(4):525-42 (2011).
3) Ried T, et al. *Hum Mol Genet.* 7(10):1619-26 (1998).
4) Speicher MR, et al. *Nat Genet.* 12:368-735 (1996).
5) Fauth C & Speicher MR. *Cytogenet Cell Genet.* 93:1-10 (2001).

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Cont.	Color
WPP3 FISH Probe	CytoGreen

Probe Design

Not to Scale

Whole Chromosome 3 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 3.

Cat. No.	Volume
CT-WPP003-10-G	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2G	Other Patterns

1) O'Connor C. *Nature Education.* 1:1 (2008).
2) Tsuchiya KD. *Clin Lab Med.* 31(4):525-42 (2011).
3) Ried T, et al. *Hum Mol Genet.* 7(10):1619-26 (1998).
4) Speicher MR, et al. *Nat Genet.* 12:368-735 (1996).
5) Fauth C & Speicher MR. *Cytogenet Cell Genet.* 93:1-10 (2001).

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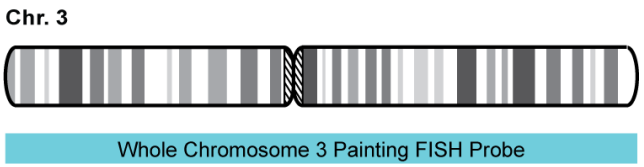
Cont.	Color
WPP3 FISH Probe	CytoAqua

Probe Design



Not to Scale

Whole Chromosome 3 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 3.

Cat. No.	Volume
CT-WPP003-10-A	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2A	Other Patterns

1) O'Connor C. *Nature Education.* 1:1 (2008).
2) Tsuchiya KD. *Clin Lab Med.* 31(4):525-42 (2011).
3) Ried T, et al. *Hum Mol Genet.* 7(10):1619-26 (1998).
4) Speicher MR, et al. *Nat Genet.* 12:368-735 (1996).
5) Fauth C & Speicher MR. *Cytogenet Cell Genet.* 93:1-10 (2001).

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