

Whole Chromosome 22 Painting FISH Probe

Introduction

Whole Chromosome 22 Painting FISH Probe (WPP22) is designed to determine copy number and integrity of complete human chromosome 22 and detect abnormalities of the chromosome.

Intended Use

To measure copy number and integrity of human chromosome 22.

Cont.

WPP22 FISH Probe

Color

CytoOrange

Probe Design

Chr. 22



Whole Chromosome 22 Painting FISH Probe

Whole Chromosome 22 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 22.

Not to Scale

Cat. No.

CT-WPP022-10-O

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

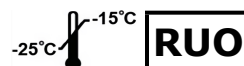
Normal Patterns

20

Abnormal Patterns

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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1395 Piccard Drive, Suite 308
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Cont.

WPP22 FISH Probe

Color

CytoGreen

Probe Design

Chr. 22



Whole Chromosome 22 Painting FISH Probe

Whole Chromosome 22 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 22.

Not to Scale

Cat. No.

CT-WPP022-10-G

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

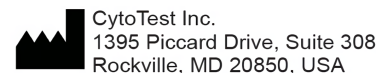
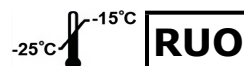
Normal Patterns

2G

Abnormal Patterns

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
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WPP22 FISH Probe

CytoAqua

Probe Design

Chr. 22



Whole Chromosome 22 Painting FISH Probe

Whole Chromosome 22 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 22.

Not to Scale

Cat. No.	Volume
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CT-WPP022-10-A

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2A

Abnormal Patterns

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).

