

Whole Chromosome 21 Painting FISH Probe

Introduction

Whole Chromosome 21 Painting FISH Probe (WPP21) is designed to determine copy number and integrity of complete human chromosome 21 and detect abnormalities of the chromosome.

Intended Use

To measure copy number and integrity of human chromosome 21.

Cont.

WPP21 FISH Probe

Color

CytoOrange

Probe Design

Chr. 21



Whole Chromosome 21 Painting FISH Probe

Whole Chromosome 21 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 21.

Not to Scale

Cat. No.

CT-WPP021-10-O

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

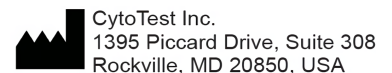
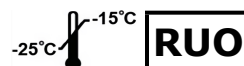
Normal Patterns

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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WPP21 FISH Probe

Color

CytoGreen

Probe Design

Chr. 21



Whole Chromosome 21 Painting FISH Probe

Whole Chromosome 21 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 21.

Not to Scale

Cat. No.

CT-WPP021-10-G

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

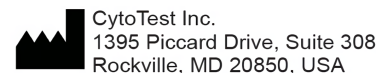
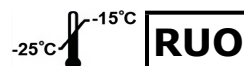
Normal Patterns

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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WPP21 FISH Probe

Color

CytoAqua

Probe Design

Chr. 21



Whole Chromosome 21 Painting FISH Probe

Whole Chromosome 21 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 21.

Not to Scale

Cat. No.

CT-WPP021-10-A

Volume

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).
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