

Whole Chromosome 1 Painting FISH Probe

Introduction

Whole Chromosome 1 Painting FISH Probe (WPP1) is designed to determine copy number and integrity of complete human chromosome 1 and detect abnormalities of the chromosome.

| Intended Use |
|---|
| To measure copy number and integrity of human chromosome 1. |

| Cont. | Color |
|-----------------|------------|
| WPP1 FISH Probe | CytoOrange |

Probe Design

Chr. 1



Whole Chromosome 1 Painting FISH Probe

Whole Chromosome 1 Painting FISH Probe, fragments with average length of ~300bp, covers entire human chromosome 1.

Not to Scale

| Cat. No. | Volume |
|----------------|-------------------|
| CT-WPP001-10-O | 10 Tests (100 µL) |

| Signal Pattern Interpretation | |
|-------------------------------|--------------------------|
| <u>Normal Patterns</u> | <u>Abnormal Patterns</u> |
| 20 | 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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* 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.