

## CCP14/CCP22 FISH Probe Kit

### Introduction

The CCP14/CCP22 FISH Probe Kit is designed to simultaneously determine the copy number of human chromosomes 14 and 22, and to detect copy number aberrations in these chromosomes, in metaphase and interphase blood and tissue cells. The panel contains two different probes:  
CCP14 is covering a pericentromeric region of chromosome 14.  
CCP22 probe is covering the ARSA locus at 22q13.33.

### Intended Use

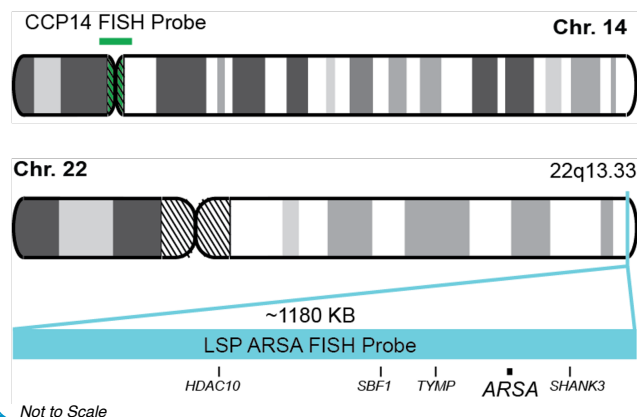
To determine the copy number of human chromosomes 14 and 22, and to detect copy number aberrations in these chromosomes, in metaphase and interphase blood and tissue cells.

### Cont.

### Color

CCP14 (Pericentromeric) FISH Probe	CytoGreen
CCP22 (22q13) FISH Probe	CytoAqua

### Probe Design



CCP14 FISH Probe covers a pericentromeric region of chromosome 14. CCP22 FISH Probe covers the ARSA gene and some sequences adjacent to the gene.

### Cat. No.

### Volume

CT-PAC213-10-GA

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

2G2A

#### 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.

DCN032

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CytoTest Inc.  
1395 Piccard Drive, Suite 308  
Rockville, MD 20850, USA