

# CCP22 FISH Probe

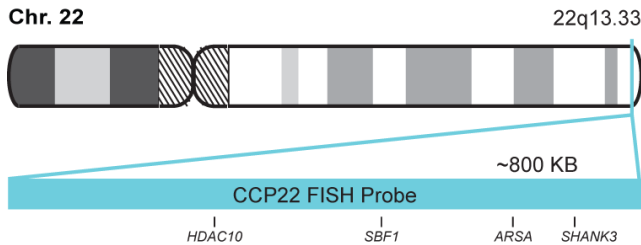
## Introduction

Chromosome counting probe 22 (CCP22) FISH Probe is designed to detect the copy number of chromosome 22 or to serve as a control to determine the relative number of copies of genes located on chromosome 22 or other chromosomes.

Intended Use
To measure the copy number of the human chromosome 22.

Cont.	Color
CCP22 FISH Probe	CytoAqua

## Probe Design



The CCP22 probe hybridizes to chromosome 22 in both metaphase and interphase cells. After hybridizing with normal human peripheral blood lymphocyte samples, two distinct bright fluorescent spots could be observed in the interphase nuclei under a fluorescence microscope. In metaphase cells, bright signals can be observed on chromosome band 22q13.33. No cross-hybridization to loci on other chromosomes is observed.

Not to Scale

Cat. No.	Volume
CT-CCP022-10-A	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2A	Other Patterns

- Jenkins RB, et al. *Blood*. 79(12):3307-15 (1992).
- Escudier SM, et al. *Blood*. 81(10):2702-7 (1993).
- Heim S & Mitelman F. *Cancer Cytogenetics 2nd Ed.* (1995).
- Najfeld V, et al. *Bone Marrow Transplant*. 19(8):829-34 (1997).
- Byrd JC, et al. *Clin Cancer Res*. 4(5):1235-41 (1998).



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