CytoTest®
Premium **FISH** for Quality of Lives

**ENGLISH**

*For Professional Use Only*

# CCP9 (Pericentromeric) FISH Probe

## Introduction

Chromosome counting probe 9 (CCP9) FISH Probe is designed to detect the copy number of chromosome 9 or to serve as a control to determine the relative number of copies of genes located on chromosome 9 or other chromosomes.

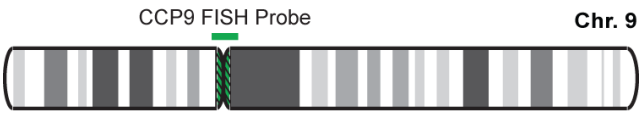
## Intended Use

To measure the copy number of the human chromosome 9.

## Cont. Color

| Cont. | Color |
|---|---|
| CCP9 (Pericentromeric) FISH Probe | CytoGreen |

## Probe Design




*Not to Scale*

The CCP9 probe hybridizes to chromosome 9 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 the pericentromeric regions around the centromere of chromosome 9. No cross-hybridization to loci on other chromosomes is observed.

## Cat. No. Volume

| Cat. No. | Volume |
|---|---|
| CT-CCP009-10-G | 10 Tests (100 µL) |

## Signal Pattern Interpretation

| Normal Patterns | Abnormal Patterns |
|---|---|
| 2G | Other Patterns |


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


-25°C -15°C IVD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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.



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