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

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Your Molecular & Cell Technology Partner

CCP16 FISH Probe

Introduction

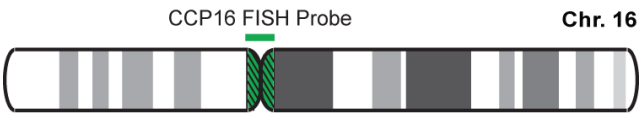
Chromosome counting probe 16 (CCP16) FISH Probe is designed to detect the copy number of chromosome 16 or to serve as a control to determine the relative number of copies of genes located on chromosome 16 or other chromosomes.

Intended Use

To measure the copy number of the human chromosome 16.

Cont.	Color
CCP16 FISH Probe	CytoGreen

Probe Design



Not to Scale

The CCP16 probe hybridizes to chromosome 16 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 16. No cross-hybridization to loci on other chromosomes is observed.

Cat. No.	Volume
CT-CCP016-10-G	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
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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