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

ENGLISH

For Professional Use Only

D20S108/CCP9 FISH Probe Kit

Introduction

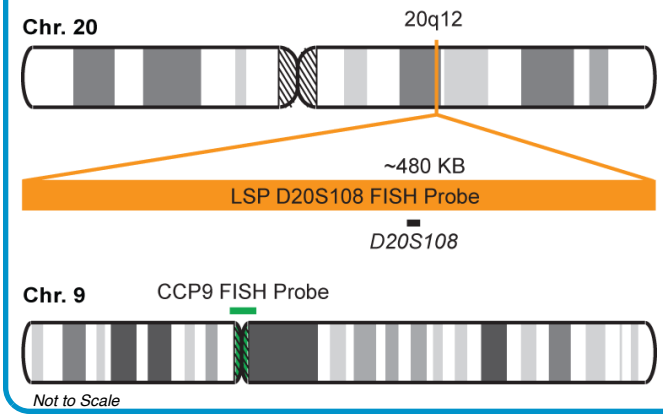
The D20S108/CCP9 FISH Probe Kit is designed to detect the human D20S108 STS marker regions located on chromosome band 20q12, along with the number of chromosome 9 copies per cell. Abnormalities in the D20S108 region are frequently found in myelodysplastic syndrome (MDS), acute myeloid leukemia (AML) and other myeloid disorders. Trisomy 9 occurs in a large spectrum of hematological malignancies.

Intended Use

To measure the copy number of the human D20S108 STS marker region located on chromosome band 20q12.

Cont.	Color
LSP D20S108 FISH Probe	CytoOrange
CCP9 (Pericentromeric) FISH Probe	CytoGreen

Probe Design



LSP D20S108 FISH Probe covers a chromosomal region around the D20S108 STS marker on chromosome 20. CCP9 FISH Probe, derived from chromosome 9-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 9 copies per cell.

Cat. No.	Volume
CT-PAC158-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
2O2G	Other Patterns

1) O'Connor C. *Nature Education*. 1(1):171 (2008).
2) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
3) Smoley SA, et al. *Cancer Genet Cytogenet*. 173(2):144-9 (2007).
4) Kwon WK, et al. *Korean J Hematol*. 45(3):171-6 (2010).
5) White JS, et al. *Cancer Genet*. 2012 Dec;205(12):644-52 (2012).

-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.