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PML/RARa Dual Fusion Probe

National Cancer Institute

Source

National Cancer Institute. *PML/RARa Dual Fusion Probe*. NCI Thesaurus. Code C120388.

A mixture of three FISH DNA probes. Two probes hybridize to the 15q22 region containing the PML gene, one recognizes the 5' side of the break point and the other binds to the 3' side, while the third hybridizes to the 17q21.1 region containing the RARA gene. The PML probes are labeled with one fluorescent dye and the RARA probe is labeled with a different color fluorescence dye; therefore this probe set can uniquely distinguish intact and rearranged genes.