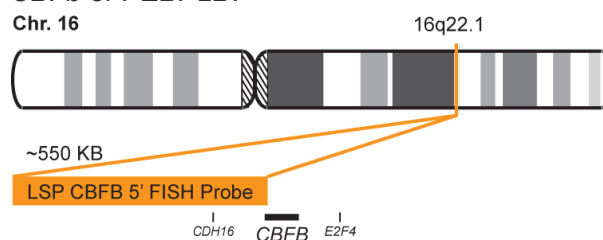


LSP CBFB 5' FISH Probe Cat No CT-LSP127

Locus Specific Probe for CBFB Gene 5' Region

The CBFB 5' FISH Probe is designed to detect the human *CBFB* gene 5'-region located on chromosome band 16q22.1. *CBFB* is also known as *CBFb* or *PEBP2B*.



The CBFB 5' FISH probe is labeled with CytoOrange. CytoOrange is a fluorophore with an excitation peak at 551nm and emission peak at 575nm, giving it an orange fluorescent signal with the appropriate filters.

The CBFB 5' FISH probe hybridizes to chromosome 16 in both metaphase and interphase cells. After hybridizing with normal human peripheral blood lymphocyte samples, two distinct orange fluorescent spots are observed in the interphase nuclei, each spot corresponding to the 16q22.1 region on the chromosome 16. In metaphase cells, a “doublet” or “split signal” may appear on chromosomal region 16q22.1. Each signal within the doublet represents one of the two sister chromatids present in the replicated chromosome 16.

* CytoTest shall not be responsible for patent infringement or any other violation that may occur with the use of this product.

Analyte Specific Reagent. Analytical and performance characteristics are not established.

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