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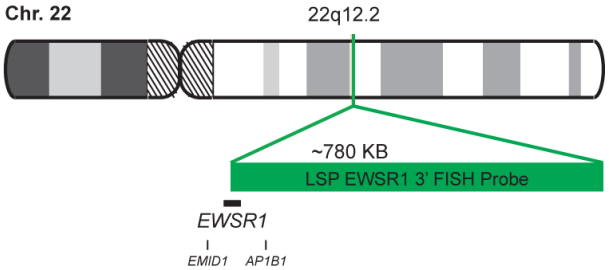
CYTOTEST®

LSP EWSR1 3' FISH Probe **Cat No** CT-LSP098

Locus Specific Probe for *EWSR1* Gene 3' Region

The EWSR1 3' FISH Probe is designed to detect the human *EWSR1* gene 3'-region located on chromosome band 22q12.2. *EWSR1* is also known as *EWS* or *bK984G1.4*.



The EWSR1 3' FISH probe is labeled with CytoGreen. CytoGreen is a fluorophore with an excitation peak at 495nm and emission peak at 518nm, giving it a green fluorescent signal with the appropriate filters.

The EWSR1 3' FISH probe hybridizes to chromosome 22 in both metaphase and interphase cells. After hybridizing with normal human peripheral blood lymphocyte samples, two distinct fluorescent spots are observed in the interphase nuclei, each spot corresponding to the 22q12.2 region on the chromosome 22. In metaphase cells, a "doublet" or "split signal" may appear on chromosomal region 22q12.2. Each signal within the doublet represents one of the two sister chromatids present in the replicated chromosome 22.

* 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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