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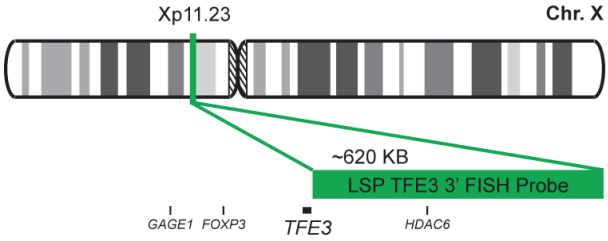
CYTOTEST®

LSP TFE3 3' FISH Probe **Cat No** CT-LSP088

Locus Specific Probe for *TFE3* Gene 3' Region

The TFE3 3' FISH Probe is designed to detect the human *TFE3* gene 3'-region located on chromosome band Xp11.23. *TFE3* is also known as *TFEA*, *RCCP2*, *RCCX1* or *bHLHe33*.



The TFE3 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 TFE3 3' FISH probe hybridizes to chromosome X in both metaphase and interphase cells. After hybridizing with normal female human peripheral blood lymphocyte samples, two distinct green fluorescent spots are observed in the interphase nuclei, each spot corresponding to the Xp11.23 region on the chromosome X. In metaphase cells, a "doublet" or "split signal" may appear on chromosomal region Xp11.23. Each signal within the doublet represents one of the two sister chromatids present in the replicated chromosome X.

* 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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