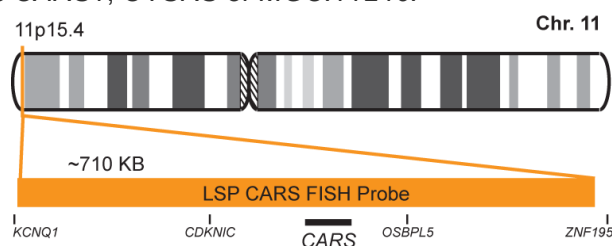


LSP CARS FISH Probe Cat No CT-LSP039

Locus Specific Probe for CARS Gene

The CARS FISH Probe is designed to detect the human CARS gene located on chromosome band 11p15.4. CARS is also known as CARS1, CYSRS or MGC:11246.



The CARS 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 CARS FISH probe hybridizes to chromosome 11 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 11p15.4 region on the chromosome 11. In metaphase cells, a “doublet” or “split signal” may appear on chromosomal region 11p15.4. Each signal within the doublet represents one of the two sister chromatids present in the replicated chromosome 11.

* 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.

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com