

LPL/CCP8 FISH Probe Kit

Introduction

The LPL/CCP8 FISH Probe Kit is designed to detect the human LPL gene located on chromosome band 8p21.3, along with the number of chromosome 8 copies per cell. Abnormal expression of the LPL gene – also known as HDLCQ11 or LIPD – has been found in familial lipoprotein lipase deficiency disorder.

Intended Use

To measure the copy number of the human *LPL* gene located on chromosome band 8p21.3.

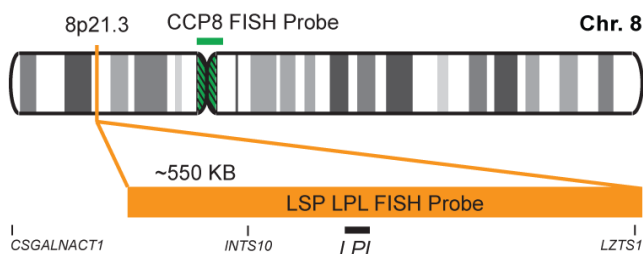
Cont.

Color

LSP LPL FISH Probe
CCP8 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP LPL FISH Probe covers a chromosomal region which includes the entire *LPL* gene. CCP8 FISH Probe, derived from chromosome 8-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 8 copies per cell.

Cat. No.

Volume

CT-PAC139-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Wion KL, et al. *Science*. 235(4796):1638-41 (1987).
- 2) Gotoda T, et al. *Nucleic Acids Res.* 17(6):2351 (1989).
- 3) Hata A, et al. *J Biol Chem.* 267(28):20132-9 (1992).
- 4) Enerbäck S, et al. *Mol Cell Biol.* 12(10):4622-33 (1992).
- 5) Yang WS, et al. *Proc Natl Acad Sci U S A.* 92(10):4462-6 (1995).

* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.

DCN032

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