

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.

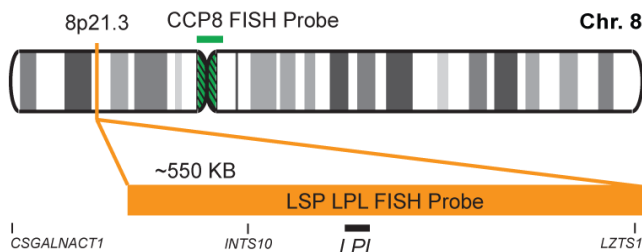
Cont.

LSP LPL FISH Probe
CCP8 FISH Probe

Color

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.

CT-PAC139-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

2O2G

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).



CytoTest Inc.
9430 Key West Ave., Suite 210
Rockville, MD 20850, USA

* 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.

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Road No. 44, Pitampura, Delhi – 110034, India

Mobile: +91-98105-21400, Tel: +91-11-42208000, 8111, 8222, Fax: +91-11-42208444

Email: customerservice@lifetechindia.com; www.atzlabs.com; www.lifetechindia.com