

# LPL/CCP8 FISH Probe Kit

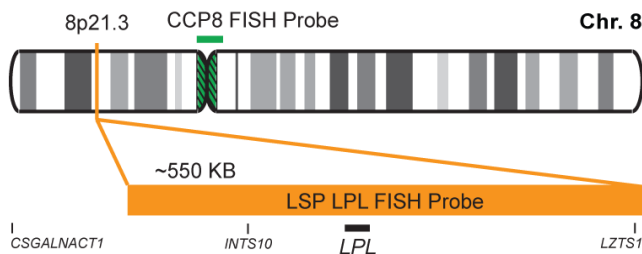
## Introduction

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 <i>LPL</i> gene located on chromosome band 8p21.3.

Cont.	Color
LSP LPL FISH Probe CCP8 FISH Probe	CytoOrange CytoGreen

## Probe Design



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.

Not to Scale

Cat. No.	Volume
CT-PAC139-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Patterns</u> 202G	<u>Abnormal Patterns</u> 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.