

VAMP7/CCPY FISH Probe Kit

Introduction

The VAMP7/CCPY FISH Probe Kit is designed to detect the human VAMP7 gene located on chromosome band Xq28 and Yp12, along with the number of Y chromosome copies per cell.

Intended Use

To detect the human *VAMP7* gene located on chromosome band Xq28 and Yp12, along with the number of Y chromosome copies per cell.

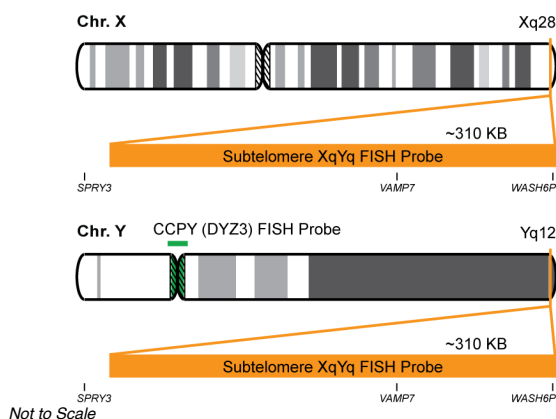
Cont.

Color

LSP VAMP7 FISH Probe
CCPY (DYZ3) FISH Probe

CytoOrange
CytoGreen

Probe Design



LSP VAMP7 FISH Probe covers a chromosomal region which includes the entire *VAMP7* gene located on Xq28 and Yp12. CCPY (DYZ3) FISH Probe, derived from chromosome Y-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome Y copies per cell.

Cat. No.

Volume

CT-PAC292-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

201G (Male)
20 (Female)

Abnormal Patterns

Other Patterns

- 1) Burgo A, et al. *J Biol Chem.* 288(17):11960-72 (2013).
- 2) Mashima H, et al. *Infect Immun.* 76(6):2296-303 (2008).
- 3) Leva FD, et al. *J Biol Chem.* 279(9):7734-9 (2004).
- 4) Matarazzo MR, et al. *Hum Mol Genet.* 11(25):3191-8 (2002).
- 5) D'Esposito M, et al. *Nat Genet.* 13(2):227-9 (1996).

* 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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CytoTest Inc.
1395 Piccard Drive, Suite 308
Rockville, MD 20850, USA