CytoTest®
Premium **FISH** for Quality of Lives

ENGLISH

For Professional Use Only

TAFAZZIN/CCPX FISH Probe Kit

Introduction

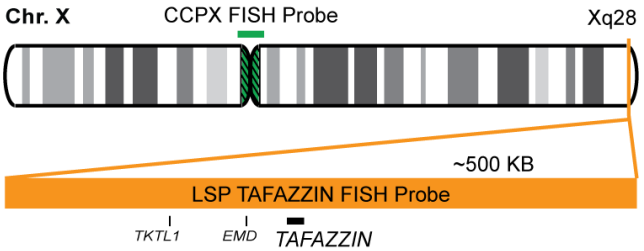
The TAFAZZIN/CCPX FISH Probe Kit is designed to detect the human *TAFAZZIN* gene located on chromosome band Xq28, along with the number of chromosome X copies per cell. Mutations in this gene – also known as *EFE, TAZ, BTHS, EFE2, G4.5, Taz1, CMD3A* or *LVNCX* – have been associated with cervical cancer and a number of clinical disorders including Barth syndrome, dilated cardiomyopathy (DCM), hypertrophic DCM, endocardial fibroelastosis, and left ventricular noncompaction (LVNC).

Intended Use

To measure the copy number of the human *TAFAZZIN* gene located on chromosome band Xq28.

Cont.	Color
LSP TAFAZZIN FISH Probe	CytoOrange
CCPX FISH Probe	CytoGreen

Probe Design



Not to Scale

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

Cat. No.	Volume
CT-PAC436-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns	Abnormal Patterns
1O1G (Male) 2O2G (Female)	Other Patterns

1) Fixler DE, et al. *Am J Cardiol*. 26(2):208-13 (1970).
2) Barth PG, et al. *Am J Med Genet A*. 126A(4):349-54 (2004).
3) Avdjieva-Tzavella DM, et al. *Genet Couns*. 27(4):495-501 (2016).
4) Deel MD, et al. *Clin Cancer Res*. 24(11):2616-2630 (2018).
5) Petit PX, et al. *Cells*. 9(10):2333 (2020).

-25°C -15°C CE IVD

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* 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.