

CELF2/CCP10 FISH Probe Kit

Introduction

The CELF2/CCP10 FISH Probe Kit is designed to detect the human *CELF2* gene located on chromosome band 10p14, along with the number of chromosome 10 copies per cell. Abnormalities of this gene – also known as ETR3, DEE97, ETR-3, NAPOR, CELF-2, CUGBP2, BRUNOL3 or CUG-BP2 – are found in DiGeorge Syndrome and various types of solid tumors.

Intended Use

To measure the copy number of the human *CELF2* gene located on chromosome band 10p14.

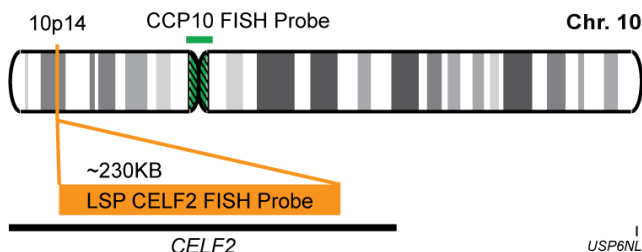
Cont.

Color

LSP CELF2 FISH Probe
CCP10 FISH Probe

CytoOrange
CytoGreen

Probe Design



Not to Scale

LSP CELF2 FISH Probe covers a chromosomal region which includes the majority and central portion of the *CELF2* gene. CCP10 FISH Probe, derived from chromosome 10-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 10 copies per cell.

Cat. No.

Volume

CT-PAC473-10-OG

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Patterns

202G

Abnormal Patterns

Other Patterns

- 1) Simioni M, et al. *J Appl Genet.* 51(2):219-21 (2010).
- 2) Choudhry P & Trede NS. *PLoS One.* 8(3):e58145 (2013).
- 3) Weisfeld-Adams JD, et al. *Eur J Med Genet.* 55(12):732-6 (2012).
- 4) Chen M, et al. *Ultrasound Obstet Gynecol.* 43(4):396-403 (2014).
- 5) Chen CP, et al. *Gene.* 527(1):405-9 (2013).

* 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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