

ERBB4/CCP2 FISH Probe Kit

Introduction

The ERBB4/CCP2 FISH Probe Kit is designed to detect the human *ERBB4* gene located on chromosome band 2q34, along with the number of chromosome 2 copies per cell. Abnormal expression of the *ERBB4* gene – also known as *HER4*, *ALS19* or *p180erbB4* – has been observed in a number of malignant tumors and other conditions.

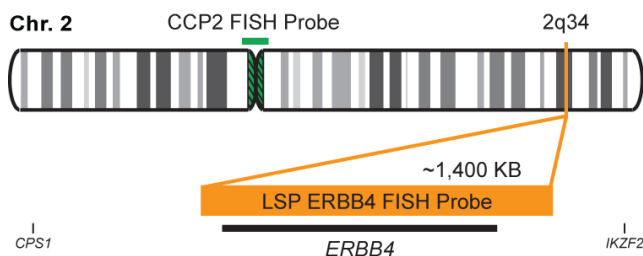
Intended Use

To measure the copy number of the human *ERBB4* gene located on chromosome band 2q34.

Cont.	Color
-------	-------

LSP ERBB4 FISH Probe	CytoOrange
CCP2 FISH Probe	CytoGreen

Probe Design



LSP ERBB4 FISH Probe covers a chromosomal region which includes the entire *ERBB4* gene. CCP2 FISH Probe, derived from chromosome 2-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 2 copies per cell.

Not to Scale

Cat. No.	Volume
----------	--------

CT-PAC030-10-OG	10 Tests (100 µL)
-----------------	-------------------

Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
----------------	------------------

2O + 2G	Other Patterns
---------	----------------

- 1) Zimonjic DB, et al. *Oncogene*. 10(6):1235-7 (1995).
- 2) Fuchs IB, et al. *Breast Cancer Res Treat*. 82(1):23-8 (2003).
- 3) Sassen A, et al. *Breast Cancer Res*. 10(1):R2 (2008).
- 4) Roskoski R Jr. *Pharmacol Res*. 2014 Jan;79:34-74 (2014).
- 5) Liu W, et al. *Diagn Pathol*. 9:132 (2014).



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.

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com