

# FHIT/CCP3 FISH Probe Kit

## Introduction

The FHIT/CCP3 FISH Probe Kit is designed to detect the human *FHIT* gene located on chromosome band 3p14.2, along with the number of chromosome 3 copies per cell. Abnormal expression of the *FHIT* gene – also known as *FRA3B* or *AP3Aase* – has been found in colon, esophageal, stomach and other tumor types.

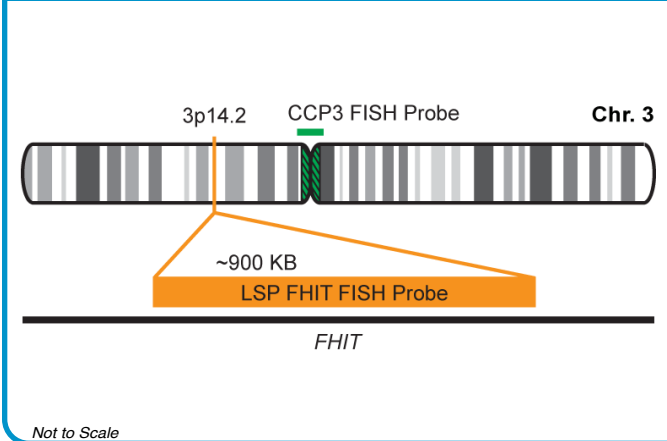
### Intended Use

To measure the copy number of the human *FHIT* gene located on chromosome band 3p14.2.

Cont.	Color
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LSP FHIT FISH Probe CCP3 FISH Probe	CytoOrange CytoGreen
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## Probe Design



LSP FHIT FISH Probe covers sequences of the core deletion area and including a breakpoint region inside the *FHIT* gene. CCP3 FISH Probe, derived from chromosome 3-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 3 copies per cell.

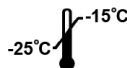
Cat. No.	Volume
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CT-PAC016-10-OG	10 Tests (100 µL)
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### Signal Pattern Interpretation

Normal Pattern	Abnormal Pattern
2O + 2G	Other Patterns

- Huebner K & Croce CM. *Br J Cancer*. 88(10):1501-6 (2003).
- Guler G, et al. *Cancer*. 100(8):1605-14 (2004).
- Larson GP, et al. *Cancer Res*. 65(3):805-14 (2005).
- Guler G, et al. *Pathol Int*. 55(8):471-8 (2005).
- Semba S, et al. *Oncogene*. 25(20):2860-72 (2006).



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](mailto:customerservice@lifetechindia.com) Website: [www.lifetechindia.com](http://www.lifetechindia.com)