

## 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.

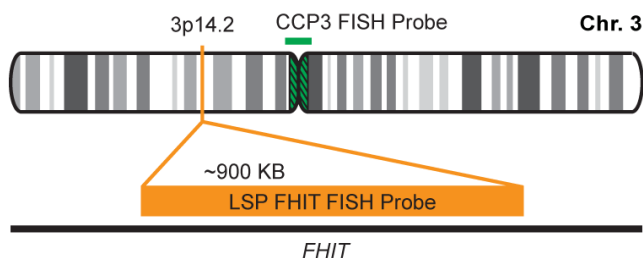
### Cont.

### Color

LSP FHIT FISH Probe  
CCP3 FISH Probe

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

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

CT-PAC016-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

Other Patterns

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

\* 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

© CytoTest Inc.



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