

ZNF443/GLTSCR1 FISH Probe Kit

Introduction

The ZNF443/GLTSCR1 FISH Probe Kit is designed to detect the human *ZNF443* gene located on chromosome band 19p13.2, along with the LSP GLTSCR1 FISH probe as a control. Deletions and other abnormalities of the *ZNF443* gene – also known as *ZK1* – have been observed in gliomas, astrocytomas and various other malignancies.

Intended Use

To measure the copy number of the human *ZNF443* gene located on chromosome band 19p13.2.

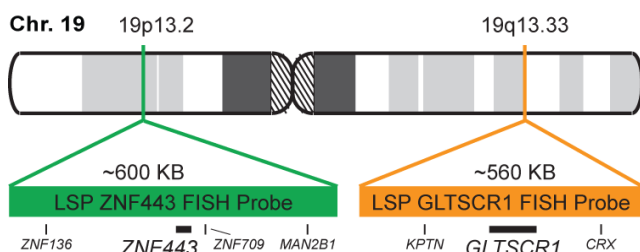
Cont.

LSP ZNF443 FISH Probe
LSP GLTSCR1 FISH Probe

Color

CytoGreen
CytoOrange

Probe Design



LSP ZNF443 FISH Probe covers a chromosomal region which includes the entire *ZNF443* gene. LSP GLTSCR1 FISH Probe covers a region on chromosomal band 19q13.33 including the entire *GLTSCR1* gene and is designed to serve as a control.

Not to Scale

Cat. No.

CT-PAC041-10-GO

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

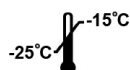
Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) O'Connor C. *Nature Education*. 1(1):171 (2008).
- 2) Ried T, et al. *Hum Mol Genet*. 7(10):1619-26 (1998).
- 3) Katoh O, et al. *Biochem Biophys Res Commun*. 249(3):595-600 (1998).
- 4) Lee SM, et al. *Life Sci*. 71(19):2267-77 (2002).
- 5) Tao YF, et al. *BMC Cancer*. 12:619 (2012).



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