

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.

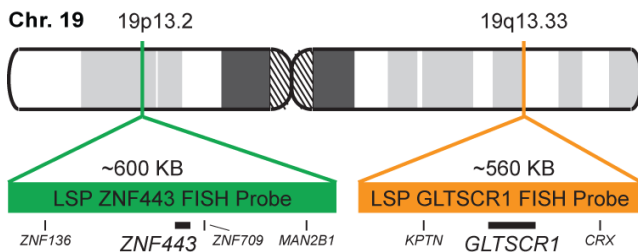
Intended Use

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

Cont.	Color
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LSP ZNF443 FISH Probe	CytoGreen CytoOrange
LSP GLTSCR1 FISH Probe	

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.	Volume
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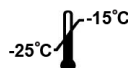
CT-PAC041-10-GO	10 Tests (100 µL)
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Signal Pattern Interpretation

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



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* 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.