

# CSF1R/D5S23, D5S721 FISH Probe Kit

## Introduction

The CSF1R/D5S23, D5S721 FISH Probe Kit is designed to detect the human CSF1R gene, located on chromosomes band 5q32, and the D5S721-D5S23 marker region on chromosome band 5p15.2. Abnormalities in CSF1R – also known as FMS, CSFR, FIM2, HDLS, C-FMS, CD115, CSF-1R or M-CSF-R – have been observed in myeloid malignancies and several other cancer types.

## Intended Use

To measure the copy number of the human CSF1R gene located on chromosome band 5q32.

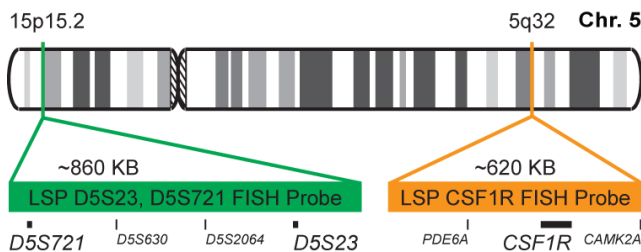
## Cont.

LSP CSF1R FISH Probe  
LSP D5S23,D5S721 FISH Probe

## Color

CytoOrange  
CytoGreen

## Probe Design



LSP CSF1R FISH Probe covers a chromosomal region which includes the entire CSF1R gene. LSP D5S23, D5S721 FISH Probe covers genomic sequences around STS markers D5S23 and D5S721.

Not to Scale

## Cat. No.

CT-PAC355-10-OG

## Volume

10 Tests (100 µL)

## Signal Pattern Interpretation

### Normal Patterns

2O2G

### Abnormal Patterns

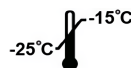
Other Patterns

- 1) Rettenmier CW, et al. *J Clin Invest.* 77(6):1740-6 (1986).
- 2) Yang DH, et al. *Hepatobiliary Pancreat Dis Int.* 3(1):86-9 (2004).
- 3) Gu TL, et al. *Blood.* 110(1):323-33 (2007).
- 4) Kirma N, et al. *Cancer Res.* 67(5):1918-26 (2007).
- 5) Shih LY, et al. *Leukemia.* 22(2):303-7 (2008).

\* 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