

D7S486/CCP7 FISH Probe Kit

Introduction

The D7S486/CCP7 FISH Probe Kit is designed to detect the human D7S486 STS marker region located on chromosome band 7q31.2 along with the number of chromosome 7 copies per cell. Abnormalities in the D7S486 region are frequently found in myelodysplastic syndrome (MDS), acute myeloid leukemia (AML) and other malignancies.

Intended Use

To measure the copy number of the human D7S486 STS marker region located on chromosome band 7q31.2.

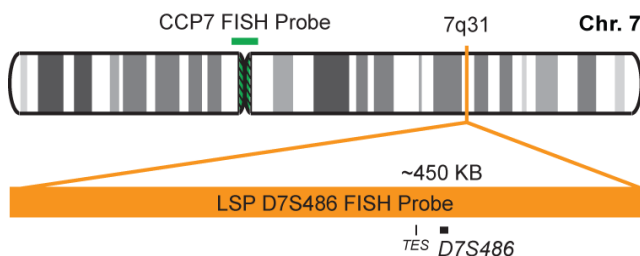
Cont.

LSP D7S486 FISH Probe
CCP7 FISH Probe

Color

CytoOrange
CytoGreen

Probe Design



LSP D7S486 FISH Probe covers a chromosomal region around D7S486 STS marker on chromosome 7. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell.

Not to Scale

Cat. No.

CT-PAC357-10-OG

Volume

10 Tests (100 µL)

Signal Pattern Interpretation

Normal Pattern

2O + 2G

Abnormal Pattern

Other Patterns

- 1) Jenkins RB, et al. *Cancer Res.* 58(4):759-66 (1998).
- 2) Rao UN, et al. *Mol Diagn.* 6(1):27-37 (2001).
- 3) Kwon WK, et al. *Korean J Hematol.* 45(3):171-6 (2010).
- 4) Murray S, et al. *J Exp Clin Cancer Res.* 31:77 (2012).
- 5) Rivera H. *Genet Couns.* 24(3):291-7 (2013).



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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.

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