

D7S522/CCP7 FISH Probe Kit

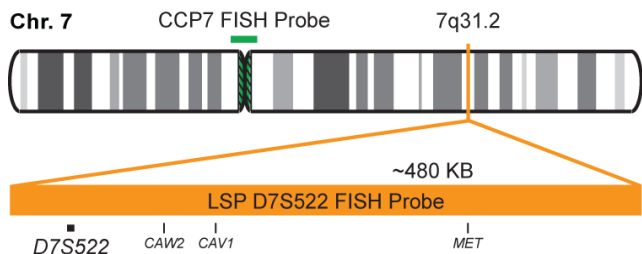
Introduction

The D7S522/CCP7 FISH Probe Kit is designed to detect the human D7S522 STS marker region located on chromosome band 7q31.2, along with the number of chromosome 7 copies per cell. Abnormalities in the D7S522 STS marker region are frequently found in myelodysplastic syndrome (MDS), acute myeloid leukemia (AML) and other myeloid disorders.

Intended Use
To measure the copy number of the human D7S522 STS marker region located on chromosome band 7q31.2.

Cont.	Color
LSP D7S522 FISH Probe CCP7 FISH Probe	CytoOrange CytoGreen

Probe Design



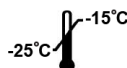
LSP D7S522 FISH Probe covers a chromosomal region around the D7S522 STS marker on chromosome 7. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC358-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Pattern</u>	<u>Abnormal Pattern</u>
2O + 2G	Other Patterns

- Jenkins RB, et al. *Cancer Res.* 58(4):759-66 (1998).
- Engelman JA, et al. *FEBS Lett.* 448(2-3):221-30 (1999).
- Schoch C, et al. *Genes Chromosomes Cancer.* 35(1):20-9 (2002).
- Tascioglu F, et al. *Rheumatol Int.* 25(8):571-5 (2005).
- 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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