

## Chromosome 17 Centromere Probe, Digoxigenin Labeled

70-0018ASR

0.4 mL, Ready-To-Use

### Intended Use

Analyte Specific Reagent.

Analytical and performance characteristics are not established.

### Description

The probe is a double-stranded DNA probe that has been labeled with digoxigenin (DIG). It detects human chromosome 17 alpha-satellites DNA D17Z1 in formalin fixed paraffin embedded (FFPE) tissue sections and cell preparation by chromogenic *in situ* hybridization (CISH) methodology.

The probe has been demonstrated to bind specifically to the centromere of chromosome 17 by metaphase FISH in normal lymphocytes. This probe can detect multiple copies in human cancer cell lines which are known to have gain of chromosome 17. This probe shows 2 signal dots in normal human cells.

### Reagent provided

This probe is supplied as liquid in hybridization buffer in ready-to-use format.

### Precautions

For professional users.

MSDS sheet may be obtained by either visiting [www.genemed.com](http://www.genemed.com) or obtained by contacting Genemed Technical Support.

### Usage

Each lot is tested by CISH in FFPE human tissue sections. In these tests, the tissue sections are pretreated using Genemed ISH Tissue Pretreatment Kit (10-0173RUO). The probe and tissues are co-denatured at 92°C for 5 minutes and hybridized at 37°C for overnight. After 0.5X SSC stringent wash at 72°C for 5 minutes (Prepared from Genemed Cat. No. 10-0029RUO 20X SSC), the probe is detected using Genemed CISH Poly HRP Detection Kit (52-0025RUO). The CISH signal in nucleus can be observed under a bright field microscope.

### Storage

Store at 2-8°C.

### References

1. Willard HF. Am. J. Hum. Genet. 37:524-532, 1985.

### Symbols



Catalog No.



Batch No.



Use By



Temperature Range

