

Chromosome X Centromere Probe, Digoxigenin Labeled

70-0016ASR

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 X alpha-satellites DNA DXZ1 in formalin fixed paraffin embedded (FFPE) tissue sections and cell preparations by chromogenic *in situ* hybridization (CISH).

The probe has been demonstrated to bind specifically to the centromere of chromosome X by FISH on normal lymphocyte metaphase spreads. This probe shows 1 signal dot in normal human male cells and two signal dots in normal human female cell.

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 or obtained by contacting Genemed Technical Support.

Usage

Each lot is tested by CISH on 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 overnight. After 0.5X SSC stringent wash at 75°C for 5 minutes (Prepared from Genemed Cat. No. 10-0029RUO 20X SSC), the probe are 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

