

DATA SHEET
Alu II Probe

Catalog No.
PR026-100

Description
0.650 ml Alu II probe

Analyte Specific Reagent. Analytical and performance characteristics are not established

Doc. No.932-PR026-100, Rev. No. D
Date of release: 20-Aug-2020

REAGENTS SUPPLIED

1x 0.650 ml of pre-diluted fluoresceinated oligonucleotide Alu II probe in hybridization solution.

STORAGE AND HANDLING

Store the probe at 2-8°C. Warm to room temperature immediately prior to use.

SPECIFICATIONS

The Alu II probe detects Alu repeat sequences of human DNA present in formalin-fixed, paraffin-embedded human tissues by *in situ* hybridization.

DESCRIPTION

Alu, an important group of widely distributed sequences repeats in the human genome, has been widely used in *in situ* hybridization technique.

QUALITY CONTROL

For Quality Control purpose, each lot of this probe is tested by *in situ* hybridization using formalin-fixed, paraffin-embedded colon as control tissue.

PRECAUTIONS:

The probe contains formamide. Formamide is classified as a teratogen. Pregnant workers should keep exposure to a minimum. Avoid inhalation, ingestion, and contact with unprotected skin. If skin contact occurs, wash thoroughly with soap and water.

For more information, refer to the Material Safety Data Sheet, which is available upon request.

REFERENCES

1. Hilton DA, Love S, and Barber R. Demonstration of apoptotic cells in tissue sections by *in situ* hybridization using digoxigenin-labeled poly (A) oligonucleotide probes to detect thymidine rich DNA sequences. *J Histochem Cytochem*, 45: 13-20, 1997.
2. Muller S, Koehler U, Weinberg J, Marzella R, Finelli P, Antonacci R, Rocchi M, and Archidiacono N. Comparative fluorescence *in situ* hybridization mapping of primate chromosomes with ALU Polymerase Chain reaction generated probes from human /rodent somatic cell hybrids. *Chromosome Res*, 4:38-42, 1996.