

**Product** Positive control BIO oligo probe  
**Cat.no.** PLB479

## ***Biotinylated Positive Control Oligo Probe (ALU)***

*patents pending*

### ***Technical specifications***

- Quantity : 0.8 ml probe solution for 25 assays.  
Format : the probe is supplied in a ready-to-use form optimally diluted in hybridization mixture.  
Application : as a positive control probe in DNA *in situ* hybridization techniques on paraffin sections, frozen sections and cytological specimen.  
Recommended use : allow reagent to warm up to room temperature (20-30°C) before starting. Dehydrate digested specimens in 100% ethanol for 10 sec. and airdry. Apply one drop of probe solution per specimen and cover with a coverslip. Place the slides on a 95°C hotplate and incubate for 5 min. Incubate the slides for 2 hrs at 37°C. Gently remove coverslips by soaking slides in TBS buffer for 10 min. Wash the slides for 3 x 1 min. in TBS buffer and start detection procedure.  
Size of probe : mixture of six 30-meric oligonucleotides complementary to ALU repeats.  
Purification : performed by size exclusion chromatography.  
Detection limit : at least 10-30 pg by filter hybridization using PanPath's biotin detection system (product code: DSB18).  
Storage : store refrigerated at 2-6°C.  
Stability : at least stable until expiry date printed on label.  
Precautions : - homogenize probe solution before usage.  
- avoid contact with eyes and skin.

### ***References***

1. Autillo-Touati A, Acta Cytologica, Vol. 5, No. 3, p. 631-638 (1998).
2. Jelsma T, Journal of NIH Research Vol. 5, p. 82 (1994).

### ***Related products***

TBS buffer product code: BC0017

Please contact your local supplier for further information.

1. The probes in this product are labeled with the Universal Linkage System (ULS<sup>®</sup>). This product or the use of this product may be covered by one or more patents of KREATECH Biotechnology BV, including, but not restricted to, the following: EP 0539466; US 5,580,990; US 5,714,327; WO 92/01699; WO 96/35696; WO 98/15564.