Product RNA positive control BIO oligo probe
Cat.no. PLB180

Biotinylated RNA Positive Control Oligonucleotides (Poly-A)

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 RNA *in situ* hybridization techniques on paraffin sections, cytological specimens and frozen (cryostat) sections.
Recommended use	:	allow reagent to warm up to room temperature (20-30°C) before starting. Dehydrate digested specimens in 100% ethanol and airdry. Apply one drop of probe solution per specimen and cover with a coverslip. 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	:	one 37-meric oligonucleotide that is complementary to Poly-A tail.
Detection limit	:	at least 10-30 pg by filter hybridization using a biotin detection system.
Storage	:	store refrigerated at 2-6°C.
Stability	:	at least stable until expiry date printed on label.
Precautions	:	- homogenize probe solution before usage. - it is important to work RNase free directly after deparaffinization until the hybridization step has been completed. We advise to wear handgloves and to incubate materials overnicht at 200 °C. In order to inactivate RNase in solutions we refer to (3). - 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).
3. Sambrook J, Cold Spring Harbor Lab. Press (1989).

Related products

TBS buffer product code: BC0017

Please contact your local supplier for further information.