



BioPointe Scientific

CERTIFICATE OF QUALITY

At BioPointe Scientific, we are committed to supplying our customers with products that meet the highest quality standards. We do this by constantly monitoring and improving our manufacturing process from start to finish. Our stringent quality control procedures are second to none. Our processes guarantee our customers will receive a product that will be consistent in reliability and quality. We stand behind our products, and will continuously look at ways to improve our business, to provide you, our customer, with the finest Laboratory products in the industry.

Warranty: If for any reason you are not satisfied with the quality of our products, we will exchange, refund, or credit your account within 90 days of your purchase. For further information regarding our warranty please see our terms and conditions on our website: biopointescientific.com

CERTIFIED

Nucleic Acid-FREE / RNase-FREE / DNase-FREE

This certifies that our product has been randomly tested and certified by an independent laboratory to be RNase / DNase & Nucleic Acid Free

DNA Contamination PCR reactions are prepared for positive and negative testing for multiple types of DNA contamination. Positive reactions are prepared with single-copy DNA BRCA1, human total genomic DNA as template, 2.5 units of Taq polymerase, dNTPs and 2 mM MgCl₂. Negative reactions are the same as above except for the use of multi-copy mitochondrial D-loop DNA and no template. After 40 cycles, the results are assayed by agarose electrophoresis. In the negative reaction, the absence of a PCR product band of 368 bp indicates freedom from human DNA contamination. For positive reactions, a visible 368 bp band indicates a successful reaction. Sensitivity level is 30 picograms, multi-copy.

RNase and DNase Detection For RNase detection, 7.5 kb poly-A tailed RNA is diluted in distilled, RNase/DNase free water. For DNase detection, 1.0 kb DNA ladder is diluted in distilled, RNase/DNase free water. In separate tests, tips are bathed in the water and then used to aspirate a given aliquote which is incubated at 37°C for one hour and compared to a control. No degradation following electrophoresis indicates freedom from contamination.

Product Sterilization Products designated as pre-sterilized are irradiated by electron beam. Dosage levels are determined through bioburden testing.

Recommended Autoclave procedure:

250° Fahrenheit / 122° Celsius, Operating pressure of 15 PSI
For a time of 12 minutes