innuPREP Bacteria Lysis Booster

The innuPREP Bacteria Lysis Booster has been developed for a highly efficient non-mechanical pre-lysis of bacterial cell walls by generating spheroblasts. This new mixture of different enzymes boosts the lysis of all bacteria, in particular hard-to-lyse microorganisms like *Streptococcus spp., Lactobacillus spp., Staphylococcus spp., Bacillus spp. and Clostridium spp..*

The resulting spheroblasts can be used in all lysis systems for isolation of DNA, RNA. The best results will be obtained by usage of IST Innuscreen‘s kits. In combination with the newly introduced SmartExtraction technology by IST Innuscreen, the obtained DNA is not only of outstanding yield and quality but also of high molecular weight and therefore well suited for size-sensitive downstream applications such das NanoPore or PacBio sequencing.

Specifications

Starting material
Up to 2 x 10exp9 of bacteria cells
Gram+ or gram- bacteria

Average yield
Depending on amount of starting material and condition of bacterial cells.
The yield of isolated DNA, RNA is affected by the concentration of starting material and by the extraction kit used.

Extraction time
Approx. 30 minutes

Product Name: innuPREP Bacteria Lysis Booster

The online shop

Price: € 189.00

Content: 50 reactions