



## AFR01

*Antifoaming reagent for EURx lysis buffers.*

Cat. No.	package
E0328-01	0,2 ml
E0328-02	1 ml

**AFR01** can be used in DNA or RNA isolation procedures to reduce the foam volume generated at the lysis stage. In many cases, the first step in DNA or RNA isolation protocol is a disruption and homogenization of the sample. It is carried out in a specially composed lysis buffers supporting the breakdown of cellular components. While using these rich in detergents solutions excessive foaming may occur. This is particularly visible when using mechanical homogenizers or when samples are shaken with different types of beads.

This foaming is substantially reduced by adding **AFR01** reagent to lysis buffers at a final concentration of 0.5% (v/v) before starting disruption and homogenization (add 5 µl to 1 ml lysis buffer). In case of very strong foaming centrifuge sample at 8 000 x g for 30 sec to completely eliminate the foam.

**AFR01** reagent is compatible with the following buffers: **Lyse All**, **LG**, **Lyse T**, **Lyse C**, **Lyse S**, **Lyse BN**, **Lyse BG** and universal solution for DNA extraction **GeDI**. The lysis buffers with added **AFR01** can be stored for at least 3 months. The mixture should be shaken well before re-use.

**Storage.** The **AFR01** reagent should be stored in a tightly capped bottle at room temperature. Is stable for 12 months.