

A. baumannii Gyrase Assay and Dilution Buffers



Product Description (Product Numbers ABB001 ABB002)

A.baumannii gyrase assay and dilution buffers for use with A.baumannii gyrase.

For *in vitro* laboratory research use only.

Dilution Buffer

50 mM KH_2PO_4
2 mM dithiothreitol
2 mM EDTA
30 % (w/v) glycerol

Assay Buffer (supplied as 5X stock)

35 mM Tris.HCl (pH 7.5)
24 mM KCl
4 mM MgCl_2
2 mM DTT
1.8 mM spermidine
1 mM ATP
6.5 % (w/v) glycerol
0.1 mg/ml albumin

Supercoiling Assay

1 U of gyrase is incubated with 0.5 μg of relaxed pBR322 in a reaction volume of 30 μl at 37 °C for 30 minutes in Assay Buffer.
Gels are run in the absence of ethidium bromide or chloroquine.

