

Ampicillin

Cat. No. GG101

Concentration: 100 mg/ml

Storage: at -20°C for one year

Description

Ampicillin is a derivative of penicillin, which interferes with bacterial cell-wall synthesis to kill the growing cells. Its resistance relies on the specific expression of periphery β -lactamases by the resistance gene (bla). This enzyme can hydrolyze the β -lactam ring and thus inactivate the antibiotics.

Working Concentration: 20 μ g/ml for stringent plasmids; 60 μ g/ml for relaxed plasmids.

FOR RESEARCH USE ONLY