

# CORMAY GENTAMICIN CALIBRATORS

## CALIBRATORS FOR DETERMINATION OF GENTAMICIN CONCENTRATION



Kit name	Kit size	Cat. No
CORMAY GENTAMICIN CALIBRATORS	6 x 1 ml	5-110

### INTRODUCTION

Gentamicin is an aminoglycoside antibiotic, used to treat many types of bacterial infections. It works by interrupting bacterial protein synthesis. Gentamicin is not absorbed from the alimentary tract and metabolized in the liver. It is eliminated unchanged in the urine (80-90%). Monitoring gentamicin concentration in serum is recommended because of the a narrow therapeutic range, oto- and nephrotoxic side effects occurring with prolonged (more than 7 days) treatment with high doses of gentamicin and also because of large intersubject variability in pharmacokinetic parameters.

CORMAY GENTAMICIN CALIBRATORS kit is intended for calibration of gentamicin determinations on automatic analysers. The calibrators are prepared from human serum with added concentrations of gentamicin. The concentrations of calibrators are printed on the label of the each vial and in this kit insert.

### PACKAGE

	Size	Concentration
CALIBRATOR 1	1 x 1 ml	0 µg/ml
CALIBRATOR 2	1 x 1 ml	0.5 µg/ml
CALIBRATOR 3	1 x 1 ml	1.5 µg/ml
CALIBRATOR 4	1 x 1 ml	3.0 µg/ml
CALIBRATOR 5	1 x 1 ml	6.0 µg/ml
CALIBRATOR 6	1 x 1 ml	10 µg/ml

### STABILITY AND STORAGE

Calibrators are stable at 2-8°C until the expiration date printed on the package.  
Protect from contamination and light!

### PROCEDURE

Calibrators are ready to use.  
Mix calibrators gently and accurately before use.

### WARNINGS AND NOTES

- Products for in vitro diagnostic use only.
- Calibrators should be used by suitably qualified laboratory personnel only in accordance with intended purpose.
- The reagents contain sodium azide as a preservative (< 0.1%). Avoid contact with skin and mucous membranes. Sodium azide can form high explosive metal azide combinations with lead and cooper. Drains should be flushed well with a large amount of water when discarding the solution.
- The calibrator is based on human serum that has been tested for the HIV antibody, HBsAg and HCV and found to be non-reactive. However this material should be handled as though capable of transmitting infectious disease.

### TRACEABILITY

Concentrations of calibrators are prepared referring to the Gentamicin United States Pharmacopoeia Reference Standard.

### WASTE MANAGEMENT

Please refer to local legal requirements.

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### MANUFACTURER

**PZ CORMAY S.A.**  
ul. Wiosenna 22,  
05-092 Łomianki, POLAND  
tel.: +48 (0) 81 749 44 00  
fax: +48 (0) 81 749 44 34  
<http://www.pzcormay.pl>