

STAINING SOLUTIONS FOR BACTERIOLOGY



BIOGRAM 4 KIT

Four-reagent kit for identification of bacteria acc. to Gram
For differentiation between Gram-positive and Gram-negative bacteria

This method allows differentiation between Gram-positive and Gram-negative bacteria based on structure of bacterial cell wall. Contains double amount of Gram Decolorizer solution.

	packaging	product code
• BioGram 4 kit	for 100 tests	BGR4-100T
• BioGram 4 kit	5x100 mL	BGR4-K-100
• BioGram 4 kit	5x250 mL	BGR4-K-250
• BioGram 4 kit	5x500 mL	BGR4-K-500

Kit contains 5x100 mL:

• Gram Crystal Violet 1% solution	100 mL	GC1-OT-100
• Gram Lugol solution, stabilized	100 mL	GLS-OT-100
• Gram Decolorizer solution 2	100 mL	GD2-OT-100
• Gram Decolorizer solution 2	100 mL	GD2-OT-100
• Gram Safranin solution	100 mL	GSF-OT-100

Kit contains 5x250 mL:

• Gram Crystal Violet 1% solution	250 mL	GC1-OT-250
• Gram Lugol solution, stabilized	250 mL	GLS-OT-250
• Gram Decolorizer solution 2	250 mL	GD2-OT-250
• Gram Decolorizer solution 2	250 mL	GD2-OT-250
• Gram Safranin solution	250 mL	GSF-OT-250

Kit contains 5x500 mL:

• Gram Crystal Violet 1% solution	500 mL	GC1-OT-500
• Gram Lugol solution, stabilized	500 mL	GLS-OT-500
• Gram Decolorizer solution 2	500 mL	GD2-OT-500
• Gram Decolorizer solution 2	500 mL	GD2-OT-500
• Gram Safranin solution	500 mL	GSF-OT-500



REAGENTS

GRAM CRYSTAL VIOLET 0.4% SOLUTION

For bacterial staining acc. to Gram

Primary stain solution in Gram staining. Combined effect of the primary stain and iodine solution along with the characteristics of the bacterial cell wall allows the staining of Gram-positive bacteria.

	packaging	product code
• Gram Crystal Violet 0.4% solution	100 mL	GC4-OT-100
• Gram Crystal Violet 0.4% solution	10x100 mL	GC4-OT-110
• Gram Crystal Violet 0.4% solution	250 mL	GC4-OT-250
• Gram Crystal Violet 0.4% solution	500 mL	GC4-OT-500

GRAM CRYSTAL VIOLET 1% SOLUTION

For use in BioGram 4 kit for bacterial staining acc. to Gram

Primary stain solution in the process of differentiation between bacteria according to Gram. Combined effect of the primary stain and iodine solution along with the characteristics of bacterial cell wall allows the staining of Gram-positive bacteria. Component of the BioGram 4 kit.

	packaging	product code
• Gram Crystal Violet 1% solution	100 mL	GC1-OT-100
• Gram Crystal Violet 1% solution	10x100 mL	GC1-OT-110
• Gram Crystal Violet 1% solution	250 mL	GC1-OT-250
• Gram Crystal Violet 1% solution	500 mL	GC1-OT-500

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GRAM DECOLORIZER SOLUTION 1

For bacterial staining acc. to Gram

Slow acting decolorizer. Contains ethanol and acetone. Used in kits that contain nonstabilized iodine solution.

	packaging	product code
• Gram Decolorizer solution 1	100 mL	GD1-OT-100
• Gram Decolorizer solution 1	10x100 mL	GD1-OT-110
• Gram Decolorizer solution 1	250 mL	GD1-OT-250
• Gram Decolorizer solution 1	500 mL	GD1-OT-500

