

Gram Stain Kit

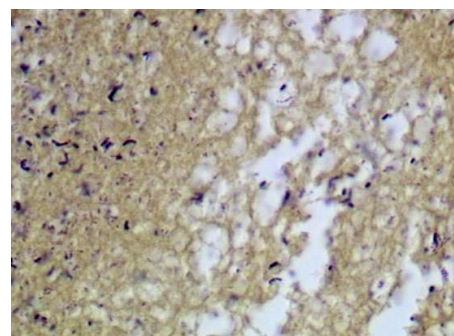
Description: The Gram Stain Kit is intended for the demonstration and differentiation of Gram-positive and Gram-negative bacteria.

Uses/Limitations: For In-Vitro Diagnostic use only. Histological applications. Do not use past expiration date. Use caution when handling these reagents

Control Tissue: Any well fixed paraffin embedded tissue section.

Results:

Gram Positive Bacteria:	Blue
Gram Negative Bacteria:	Red
Other Tissue:	Yellow
Nuclei:	Red



Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
SSC-GVS125	Gentian Violet Solution	125 ml	Room Temperature
SSC-LIS125	Lugol's Iodine Solution	125 ml	Room Temperature
SSC-GDS125	Gram's Decolorizer Solution	125 ml	Room Temperature
SSC-CFX125	Carbol Fuchsin Counterstain	125 ml	Room Temperature
SSC-TZQ125	Tartrazine Solution	125 ml	Room Temperature

For information regarding ordering individual components, please contact us at: 800-442-3573.

Control Slides Available. Catalog: CS-GRAM/25, Gram +/-, 25/pack

Precautions:

- Keep away from open flame.
- Avoid contact with skin and eyes.
- Harmful if swallowed.
- Follow all Federal, State, and local regulations regarding disposal.
- Use in chemical fume hood whenever possible.



Instructions For Use **IFU-050** **SSK-GRAM**

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Procedure (Standard):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Flood slide with Gentian Violet Solution and incubate for 1 minute.
3. Rinse slide in distilled water to remove excess stain.
4. Flood slide with Lugol's Iodine Solution and incubate for 1 minute.
5. Rinse slide in running tap water to remove excess iodine.
6. Place slide in Gram's Decolorizer until color no longer bleeds off section.
7. Rinse slide quickly in running tap water.
8. Flood slide with Carbol Fuchsin and incubate for 1-2 minutes.
9. Rinse slide quickly in running tap water to remove excess stain.
10. Apply Tartrazine Solution and incubate for 15 seconds.
11. Dehydrate slide quickly in 3 changes of absolute alcohol.
12. Clear in 2 changes of xylene or xylene substitute, and mount in synthetic resin.

References:

1. Sheehan, DC., Hrapchak, BB. Theory and Practice of Histotechnology; 1980, page 235.



Instructions For Use IFU-050 SSK-GRAM

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Lot-to-Lot Validation Form Gram Stain Kit Catalog: SSK-GRAM

Kit Lot Number: _____
Kit Expiration Date: _____
Date Tested: _____
Control Tissue (#) _____
Approved for Use: Y/N _____
Date put into use: _____
If not approved,
corrective actions
taken: _____
Approved by: _____

Kit Component	Lot #
Gentian Violet Solution	_____
Lugol's Iodine Solution	_____
Gram's Decolorizer Sol.	_____
Carbol Fuchsin	_____
Counterstain	_____
Tartrazine Solution	_____

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Gentian Violet Solution				
Lugol's Iodine Solution				
Gram's Decolorizing Solution				
Carbol Fuchsin Counterstain				
Tartrazine Solution				
Approved By: _____				

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.

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