



# Gram and AFB Stain Kits

## One Gallon Container

All stain solutions are available in our economical one-gallon container.



For "keep clean" controllable dispensing.

## Hinged Spout

An innovative closure allowing for regulated flow preventing spots and spills and minimizing evaporation.



BD continually renews its commitment to providing laboratories with the highest quality stain products. Within our new, state-of-the-art ISO 9000 manufacturing centers of excellence is a dedicated production area built around consistent process control. For example, a unique BD manufacturing process reduces the presence of artifacts—a chemical precipitate sometimes mistaken for microorganisms in Gram stain preparations. The end result is easier-to-read and accurate staining.

All BBL/Difco stain kits are conveniently packaged in a compact tray and feature no-drip "keep clean" cap spouts, both on 250 mL bottles and economical gallon containers, offering ease-of-use.



### 3-Step Gram Stain Kit

Combines decolorization and counterstaining into one step. This technology offers ease-of-use and reduces turn-around time by 25%.



### 4-Step Gram Stain Kit

Available with Stabilized/Unstabilized Iodine.



### 2-Step AFB Stain Kit

The **TB Quick Stain Kit** is a rapid 2-step modification of the Ziehl-Neelsen and Kinyoun techniques. No heating, no separate decolorization steps and no filtering required.



### 3-Step AFB Stain Kit

The AFB Staining product line includes the traditional Kinyoun or Ziehl-Neelsen Stains. Either stain enables the detection of acid-fast microorganisms without the use of a fluorescent microscope.



### Fluorescent Stain Kits

BD advanced fluorescent stains are available in either the **TB Fluorescent Kit M** or our most popular **TB Fluorescent Kit T**, containing the Auramine-Rhodamine Stain. Rhodamine offers the benefit of reducing non-specific background fluorescence that may be present in either culture or clinical specimens.

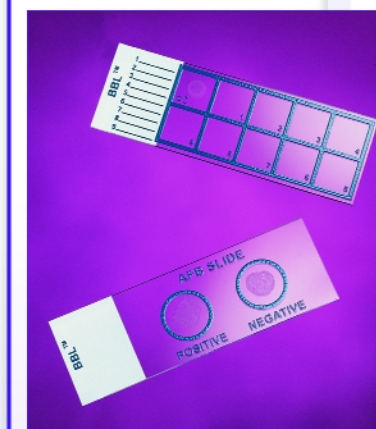


### Acridine Orange Stain

Acridine Orange Stain is used for detecting microorganisms in direct smears by fluorescence. It's especially beneficial in screening normally sterile specimens where few organisms may be present. Bacteria stain bright orange; human cells, tissue debris and proteinaceous material stain pale green to yellow.

# Gram and AFB QC Slides

Now there's a safe, convenient and cost-effective method for performing quality control of Gram, acid-fast and fluorescent staining procedures. **BD BBL Gram QC Slides** and **BD BBL AFB QC Slides** eliminate the need for the laboratory staff to maintain stock QC cultures and prepare QC slides. In addition, these slides help standardize laboratory procedures.



## Gram QC Slides

- Conventional 1" x 3" microscope slides imprinted with 10 squares.
- One square contains control organisms *Staphylococcus aureus* and *Escherichia coli*.
- Remaining nine squares are available for staining test isolates.

## AFB QC Slides

- Conventional 1" x 3" microscope slides imprinted with two circles.
- First circle is an acid-fast positive control with *Staphylococcus aureus* and *Bacillus subtilis* plus inactivated *Mycobacterium tuberculosis* H37Ra.
- Second circle is a negative control with an unstained mixture of non-acid-fast cocci (*Staphylococcus aureus*) and bacilli (*Bacillus subtilis*).

DIFCO  
BBL



# Gram

Stains & Controls

DESCRIPTION	UNIT OF MEASURE	CAT. NO.
<b>GRAM STAIN KIT (STABILIZED)</b>		212539
<i>INDIVIDUAL COMPONENTS:</i>		
GRAM CRYSTAL VIOLET	4X250ML	212525
	GALLON	212526
GRAM IODINE (STABILIZED)	4X250ML	212542
	GALLON	212543
GRAM DECOLORIZER	4X250ML	212527
	GALLON	212528
GRAM SAFRANIN	4X250ML	212531
	GALLON	212532
<b>GRAM STAIN KIT (UNSTABILIZED)</b>		212524
<i>INDIVIDUAL COMPONENTS:</i>		
GRAM CRYSTAL VIOLET	4X250ML	212525
	GALLON	212526
GRAM IODINE (UNSTABILIZED)	4X250ML	212529
	GALLON	212530
GRAM DECOLORIZER	4X250ML	212527
	GALLON	212528
GRAM SAFRANIN	4X250ML	212531
	GALLON	212532
<b>3-STEP STAIN KIT-S</b>		212533
<i>INDIVIDUAL COMPONENTS:</i>		
GRAM CRYSTAL VIOLET	4X250ML	212525
	GALLON	212526
GRAM IODINE (STABILIZED)	4X250ML	212542
	GALLON	212543
SAFRANIN-S (DECOLORIZER/ COUNTERSTAIN)	4X250ML	212534
	GALLON	212535
<b>ALTERNATE COUNTERSTAIN</b>		
GRAM BASIC FUCHSIN	4X250ML	212544
	GALLON	212545
<b>CONTROL SLIDES</b>		
GRAM STAIN QC SLIDES	50 TESTS	231401

**AFB**  
Stains & Controls

DESCRIPTION	UNIT OF MEASURE	CAT. NO.
<b>TB STAIN KIT K</b>		212522
<i>INDIVIDUAL COMPONENTS:</i>		
TB CARBOLFUCHSIN KF	4X250ML	212518
TB DECOLORIZER	4X250ML	212517
TB BRILLIANT GREEN K	4X250ML	212523
<b>TB STAIN KIT ZN</b>		212520
<i>INDIVIDUAL COMPONENTS:</i>		
TB CARBOLFUCHSIN ZN	4X250ML	212511
TB DECOLORIZER	4X250ML	212517
TB METHYLENE BLUE	4X250ML	212516
<b>TB FLUORESCENT KIT M</b>		212519
<i>INDIVIDUAL COMPONENTS:</i>		
TB AURAMINE M		212514
TB DECOLORIZER TM		212512
TB POTASSIUM PERMANGANATE		212513
<b>TB FLUORESCENT KIT T</b>		212521
<i>INDIVIDUAL COMPONENTS:</i>		
TB AURAMINE RHODAMINE T		212515
TB DECOLORIZER TM		212512
TB POTASSIUM PERMANGANATE		212513
<b>TB QUICK STAIN KIT</b>		212315
<i>INDIVIDUAL COMPONENTS:</i>		
<b>TB QUICK STAIN CARBOLFUCHSIN</b>		212316
<b>TB QUICK STAIN METHYLENE BLUE</b>		212317
<b>ACRIDINE ORANGE STAIN</b>	1X250ML	212536
<b>ACRIDINE ORANGE STAIN</b>	4X250ML	212537
<b>CONTROL SLIDES</b>		
AFB QC SLIDES	50 TESTS	231391



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# Gram

# AFB

BD offers a  
Complete  
Breadth  
of Line

From  
Stains to  
Controls

BD offers both traditional and cutting edge staining methodologies, as well as quality control slides for Gram stain and acid-fast staining procedures. And every BD product is built with the quality that comes from **BBL™** and **Difco™** from over 160 years of microbiology expertise in clinical, public health and industrial facilities.

**BD™ BBL™** Gram QC Slides and **BD™ BBL™** AFB QC Slides are just two more examples of new products created to meet the needs of the laboratory technician. BD continually adds to its continuum of products, with innovative product offerings in the areas of collection, rapid detection, isolation, identification and susceptibility testing.



Indispensable to  
human health

# From Stains to Controls

The Best for Gram/AFB Staining and Quality Control Slides