



Staining Techniques Question Bank 1-11

Staining Technniques Question Bank includes 47 Studies with 123 images & 6 videos to illustrate staining for cells (negative, simple, Gram, acid-fast) and cell structures (walls, capsules, flagella, endospores, metachromatic granules, conidia, cysts, heterocysts, akinetes).

Staining 1–4
Staining 4–7
Staining 8–11

Staining 1 Preparing a Smear

Staining Question Bank 1.1

Subject (images/*videos)

Staphylococcus epidermidis: Light, Medium, Heavy, Very Heavy Smears (12)

Staining 2 Negative Staining

Staining Question Bank 2.1

Staining Question Bank 2.2

Staining Question Bank 2.3

Staining Question Bank 2.4

Staining Question Bank 2.5

Staining Question Bank 2.6

Cell Morphology of Oral Bacteria (6)

Gingivitis (1)

Azotobacter chroococcum: Cell Morphology, Cell Structure (1)

Beijerinckia: Cell Morphology, Extracellular Material (1)

Thrush (1)

Paramecium Pellicle (1)

Staining 3 Simple Staining

Staining Question Bank 3.1

Staining Question Bank 3.2

Staining Question Bank 3.3

Staining Question Bank 3.4

Cell Morphology of Bacteria (4)

Cheek Cells & Oral Bacteria (1)

Bacillus mycoides: Colony & Cell Morphology (2)

Staining 1–4
Staining 4–7
Staining 8–11

Staining 4 The Gram Stain

Staining Question Bank 4.1

Staining Question Bank 4.2

Staining Question Bank 4.3

Staining Question Bank 4.4

Staining Question Bank 4.5

Staining Question Bank 4.6

Staining Question Bank 4.7

Staining Question Bank 4.8

Staining Question Bank 4.9

Sarcina luteus: Gram Stain viz Simple Stain

Errors in Gram Staining (4)

Prokaryote Structures: Conidia, Endospores, Capsules (3)

Cheek Cell & Oral Bacteria (1)

Acne Lesion: *Cutibacterium (Propionibacterium) acnes* (1)

Vaginal Smear: Lactobacilli (1)

Vaginal Smear: Yeast Infection (1)

Urethral Exudate: Gonorrhoea (2)

Gram stain: *Micrococcus*, *Myxobacter*, *Rhodospirillum* (3)

Staining 5 Acid-Fast Stain

Staining Question Bank 5.1

Staining Question Bank 5.2

Spitting in an Indian & Caribbean Market (4)

Acid Fast Stain & Colony Morphology (4)

Staining 6 Cell Walls

Staining Question Bank 6.1

Staining Question Bank 6.2

Cell Wall viz Simple Stain (4)

Oscillatoria Trichomes (1)

Staining 7 Flagella

Staining Question Bank 7.1

Staining Question Bank 7.2

Staining Question Bank 7.3

Staining Question Bank 7.4

Enteric Bacteria on Eosin Methylene Blue (EMB)

Chlamydomonas & *Chilomonas* Eukaryote Flagella (3)

Microbe Motility: Diatom, Spirochete, Bacillus, Yeast (4****)

Best Practice for Biosafety Levels 1 & 2 (2**)

Staining 1–4
Staining 4–7
Staining 8–11

Staining 8 Capsules & Slime Layers

Staining Question Bank 8.1

Staining Question Bank 8.2

Staining Question Bank 8.3

Encapsulated Bacteria (6)

Encapsulated *Bacillus subtilis* (2)

Pneumococcal Pneumonia & Pevnar 13 Vaccine (3)

Staining 9 Endospores

Staining Question Bank 9.1

Staining Question Bank 9.2

Staining Question Bank 9.3

Staining Question Bank 9.4

Staining Question Bank 9.5

Staining Question Bank 9.6

Staining Question Bank 9.7

Staining Question Bank 9.8

Describe these Endospore-Formers (6)

Identify Stages of Endospore Germination (4)

Clostridium difficile Endospores in Colitis (3)

Preventing Botulism in Commercial Salmon Canning (6)

Home Canning of Salmon (5)

BOTOX Eliminates Facial Wrinkles (4)

BOTOX Prevents Chronic Migraine (3)

New Zealand Manuka Honey: Not for Infants (2)

Staining 10 Metachromatic Granules

Staining Question Bank 10.1

Simple & Differential Staining of Metachromatic Granules (2)

Staining 11 Conidia, Cysts, Akinetes

Staining Question Bank 11.1

Staining Question Bank 11.2

Distinguish Eukaryote *Penicillium* & Prokaryote *Streptomyces* (4)

Identify Specialized Cells of *Anabaena* (2)