Email : sales@scilabexport.com
Phone: +91-7082934803

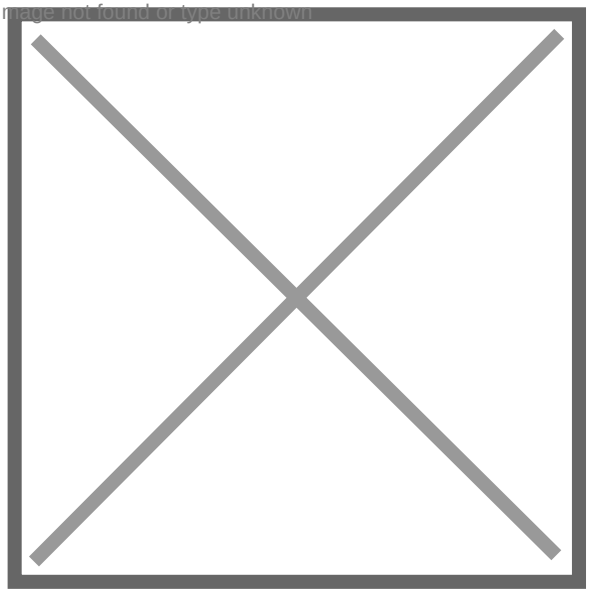
**Product Name :**

Proteus Mirabilis

**Product Code :**

SCI-267/043

Image not found or type unknown



Email : sales@scilabexport.com
Phone: +91-7082934803

# Description :

**Proteus Mirabilis** (Product Code: SCI-267/043) is a freeze-dried bacterial culture used in student applied microbiology practicals to study a highly motile, non-lactose-fermenting Gram-negative rod. Teaching laboratories value it for its striking swarming growth across agar plates and its strong urease activity, both easy for students to see, which makes it a memorable organism for microbiology teaching. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

## Key Details

| Parameter | Detail |
|---|---|
| Organism | Proteus mirabilis (bacterium) |
| Form | Freeze-dried cells |
| Application | Applied microbiology |
| Intended users | Student use |
| Shelf life | Viability depends on the batch and storage conditions; ask us for the expiry date of the batch you are quoted. |
| Product code | SCI-267/043 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is the Proteus Mirabilis Culture Used For?

On ordinary nutrient agar, Proteus mirabilis spreads outward from the inoculation point in concentric waves, a vivid demonstration of flagellar motility known as swarming. In biochemical practicals it is typically urease-positive, hydrogen sulphide-positive and oxidase-negative, and it forms pale, non-lactose-fermenting colonies on MacConkey agar, giving students a clear contrast with coliforms such as Klebsiella and Enterobacter.

Swarming can cover a whole plate and overgrow other organisms, so give Proteus its own plates or use a medium that limits swarming when isolating mixed cultures. The species can cause opportunistic infections, including urinary tract infections, so revive and handle it under trained supervision with aseptic technique and your institution's biosafety rules, and autoclave all plates and tubes after the class.

## Supplier

The Proteus Mirabilis culture is supplied by Jain Scientific Equipments Private Limited, trading as ScienceLab, from Ambala, Haryana, to universities, colleges, nursing and paramedical training labs and dealers in India and international markets. Departments can request it together with the other cultures, reagents and plates for a Gram-negative identification practical. Company details are on the ScienceLab profile page.

## Related Laboratory Equipment

Items

Email : sales@scilabexport.com
Phone: +91-7082934803