



Soyabean Casein Digest Agar Plate (90mm)

Used for the isolation and cultivation of a wide variety of fastidious and non-fastidious microorganisms.

Product Presentation:

Cat No.	Product description	Pack Size
31010050060	Soyabean Casein Digest Agar Plates	60 Plates

Principle

Soyabean Casein Digest Agar is a widely used medium, which supports the growth of wide variety of organisms even that of fastidious ones such as *Neisseria*, *Listeria*, and *Brucella* etc. Soyabean Casein Digest Agar is recommended by various pharmacopoeias as sterility testing medium.

The combination of Pancreatic Digest of casein and soya Pappain digest of soyabean makes this media nutritious by providing amino acids and long chain peptides for the growth of microorganisms. Sodium chloride maintains the osmotic balance. Agar as a solidifying agent.

Composition

Ingredients

	Grams / Litre
Pancreatic Digest of casein	15.00
Pappain digest of soyabean	5.00
Sodium Chloride	5.00
Agar	15.00

*Formula adjusted, standardized to suit performance parameters

Additional Material Required

Bacteriology Incubator.

Directions

- ✓ Open the sterile pack and remove Soyabean Casein Digest Agar Plate aseptically.
- ✓ Inoculate/streak the plate and Incubate in inverted position as per standard procedure.

Storage and Stability

- ✓ Store between 15°C-25°C to avoid water condensation. Condensation can be prevented by avoiding quick temperature shifts and mechanical stress.
- ✓ Under optimal conditions, the medium has a shelf life of 6 months. Use before expiry mentioned on the label.

Quality Control

Appearance: Gel with smooth, even surface without any cracks, bubbles and drying or shrinking of media.

Colour and Clarity of Medium: Light Amber coloured, slightly opalescent gel forms in petridishes

Quantity of Medium: 25 ± 2 g media in 90 mm petriplate

pH at 25°C±2°C: 7.3±0.2

FACTORY & OFFICE

Plot No. D 76 , Five Star MIDC Area, Kagal.

Dist. Kolhapur -416216 (M.S.)India.

Email : oxalispvtltd@outlook.com

Telefax : 0231-2305072

Phone : 0231-2305062

Mobile : +91 8805867810



Growth Promoting Properties: The test results observed are within the specified temperature and shortest period of time specified in the test, inoculating ≤ 100 cfu of appropriate microorganism.

Cultural Response :

Organism	Type Culture	Growth	Incubation Temperature	Incubation Period
<i>Staphylococcus aureus</i>	ATCC 25923	Good	30°C -35°C	18-24 Hours
<i>Bacillus spizizenii</i>	ATCC 6633	Good	30°C -35°C	18-24 Hours
<i>Pseudomonas aeruginosa</i>	ATCC 27853	Good	30°C -35°C	18-24 Hours
<i>Salmonella typhi</i>	ATCC 6539	Good	30°C -35°C	18-24 Hours
<i>Escherichia coli</i>	ATCC 8739	Good	30°C -35°C	18-24 Hours
<i>Candida albicans</i>	ATCC 10231	Good	20°C -25°C	24-72 Hours
<i>Aspergillus brasiliensis</i>	ATCC 16404	Good	20°C -25°C	24-72 Hours

Disposal

Disposal of infectious material and material that comes in to contact with clinical sample must be decontaminated and dispose of by autoclaving or incineration or established laboratory procedures.
User must ensure safe disposal of used or unusable preparation of the products.

Reference

- ✓ The United States Pharmacopoeia, 2018, The United States Pharmacopoeial Convention Inc., Rockville, MD.
- ✓ Indian Pharmacopoeia, 2018, Govt. of India, Ministry of Health and Family Welfare, New Delhi, India.
- ✓ Gunn B. A., Ohashi D K., Gaydos C. A., Holt E. S., 1977, J. Clin. Microbiol., 5(6): 650.

FACTORY & OFFICE

Plot No. D 76 , Five Star MIDC Area, Kagal.
Dist. Kolhapur -416216 (M.S.)India.
Email : oxalispvtltd@outlook.com

Telefax : 0231-2305072
Phone : 0231-2305062
Mobile : +91 8805867810