

## TECHNICAL SHEET

PP020	Potato Dextrose Agar Plate	
Formula		
Ingredients:	gms/lit.	
Potatoes infusion from	200.00	
Dextrose	20.00	
Agar	15.00	
Final pH (at 25°C): 5.6 ± 0.2		
Directions:		
Label the ready to use plate (PP020). Either streak, inoculate or surface spread the test inoculum (50-100 CFU) aseptically on the plate.		
Principle:		
Potato infusion and dextrose promote luxuriant fungal growth. Adjusting the pH of the medium by tartaric acid inhibits the bacterial growth. Heating the medium after acidification should be avoided as it may hydrolyze the agar which can render the agar unable to solidify. Potato Dextrose Agar is also used for stimulating sporulation, for maintaining stock cultures of certain dermatophytes and for differentiation of typical varieties of dermatophytes on the basis of pigment production		
(I) QC Tests		
pH:	5.6 ± 0.2	
Color:	Light Amber coloured medium	
Appearance:	Sterile Potato Dextrose Agar in 90X15 mm disposable plates.	
(II) Sterility test		Passes release criteria
(III) Q.C. Test Microbiological		
	Cultural characteristics observed after an incubation at 22 - 28°C for 48-72 hours.	
MICROORGANISM (ATCC)	GROWTH	
Candida albicans 10231	luxuriant	
Aspergillus niger 16404	luxuriant	
Saccharomyces cerevisiae 9763	luxuriant	

Refer disclaimer Overleaf

TECHNICAL SHEET

<b>Precautions :</b>	1. In Vitro diagnostic use only.
	2. Read the label before opening the container
<b>Limitations :</b>	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
<b>Use:</b>	For isolation and enumeration of yeasts and moulds from dairy and other products.
<b>Storage:</b>	Store between 2-8°C. Use before expiry date on the label.
<b>Packing:</b>	10/20/50 disposable plates.

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.