

SABOURAUD DEXTROSE AGAR (SDA)/ SABOURAUD DEXTROSE AGAR + CHLORAMPHENICOL (SDA+CAF)/ SABOURAUD DEXTROSE AGAR (SDA)+ NEUTRALIZERS

APPLICATION	<p>Sabouraud Dextrose Agar (SDA) is a non selective isolation medium used for the growth and maintenance of pathogenic and non-pathogenic fungi from clinical and nonclinical specimens. It is also used for recovery and total counting of yeasts and moulds in environmental monitoring. This medium complies with the recommendations of the harmonized method in the United States Pharmacopoeia (USP) and European Pharmacopoeia (EP).</p>																					
PRINCIPLE AND INTERPRETATION	<p>Peptone provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Dextrose is an energy source. Agar is the solidifying agent. The high concentration of dextrose and the acidic pH of the medium permit selectivity of fungi.</p> <p>The inactivation of residues of disinfectants is critical for the detection of viable and cultivable microorganisms in pharmaceutical production environments. For this purpose, different neutralizer combinations are added to the medium used for environmental monitoring: Lecithin, Tween 80, Histidine and S-Thiosulfate.</p> <p>Lecithin neutralizes quaternary ammonium compounds, Tween 80 is effective against phenolic compounds and mercurial derivatives, Histidine inactivate aldehydes, Sodium thiosulfate neutralizes halogen compounds.</p> <p>The medium can be supplemented with chloramphenicol to increase bacterial inhibition and recovery of dermatophytes.</p>																					
MEDIUM COMPOSITION*	<p style="text-align: center;">SDA</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Glucose</td> <td style="text-align: right;">40.00 g/l</td> </tr> <tr> <td>Casein peptone</td> <td style="text-align: right;">5.00 g/l</td> </tr> <tr> <td>Animal peptone</td> <td style="text-align: right;">5.00 g/l</td> </tr> <tr> <td>Agar</td> <td style="text-align: right;">15.00 g/l</td> </tr> <tr> <td colspan="2" style="padding-top: 10px;">Final pH 5.6 ± 0.2</td> </tr> <tr> <td colspan="2">* Adjusted and /or supplemented as required to meet performance criteria</td> </tr> </table>	Glucose	40.00 g/l	Casein peptone	5.00 g/l	Animal peptone	5.00 g/l	Agar	15.00 g/l	Final pH 5.6 ± 0.2		* Adjusted and /or supplemented as required to meet performance criteria									
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	<p style="text-align: center;">SDA+ Chloramphenicol (SDA+ CAF)</p>	<p>Glucose40.00 g/l Casein peptone5.00 g/l Animal peptone5.00 g/l Chloramphenicol0.05 g/l Agar 15.00 g/l</p> <p>Final pH 5.6 ± 0.2</p> <p>* Adjusted and /or supplemented as required to meet performance criteria</p>																					
<p>STORAGE</p>	<p>+2 /+25°C</p> <p>Protect from light, excessive heat, moisture and freezing</p>																						
<p>QUALITY CONTROL</p>	<table border="1" style="width: 100%;"> <tr> <td colspan="3" data-bbox="384 869 1468 936"> <p>Growth Promotion Test: 10-100 viable microorganisms¹</p> </td> </tr> <tr> <th data-bbox="384 936 667 1003">Control strain</th> <th data-bbox="667 936 1054 1003">Incubation Conditions</th> <th data-bbox="1054 936 1468 1003">Specifications</th> </tr> <tr> <td data-bbox="384 1003 667 1070"><i>C. albicans</i> ATCC 10231</td> <td data-bbox="667 1003 1054 1070">48-120 h at 22.5 ± 2.5°C</td> <td data-bbox="1054 1003 1468 1070">70%≤R%≤200%</td> </tr> <tr> <td data-bbox="384 1070 667 1137"><i>A. brasiliensis</i> ATCC 16404</td> <td data-bbox="667 1070 1054 1137">48-120 h at 22.5 ± 2.5°C</td> <td data-bbox="1054 1070 1468 1137">70%≤R%≤200%</td> </tr> <tr> <td data-bbox="384 1137 667 1205"><i>E. coli</i> ATCC 8739²</td> <td data-bbox="667 1137 1054 1205">72-120 h at 22.5 ± 2.5°C</td> <td data-bbox="1054 1137 1468 1205">Inhibited</td> </tr> <tr> <td colspan="2" data-bbox="384 1205 1054 1294"> <p>Sterility control</p> </td> <td data-bbox="1054 1205 1468 1294"> <p>No growth</p> </td> </tr> <tr> <td colspan="2" data-bbox="384 1294 1054 1384"> <p>Appearance</p> </td> <td data-bbox="1054 1294 1468 1384"> <p>Amber coloured, clear to slightly opalescent gel forms in plates</p> </td> </tr> </table>		<p>Growth Promotion Test: 10-100 viable microorganisms¹</p>			Control strain	Incubation Conditions	Specifications	<i>C. albicans</i> ATCC 10231	48-120 h at 22.5 ± 2.5°C	70%≤R%≤200%	<i>A. brasiliensis</i> ATCC 16404	48-120 h at 22.5 ± 2.5°C	70%≤R%≤200%	<i>E. coli</i> ATCC 8739 ²	72-120 h at 22.5 ± 2.5°C	Inhibited	<p>Sterility control</p>		<p>No growth</p>	<p>Appearance</p>		<p>Amber coloured, clear to slightly opalescent gel forms in plates</p>
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<p>BARCODE on media plates</p>	<p>Data matrix code is composed of 20 digits:</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">Digits 1→2</td> <td>Media code</td> </tr> <tr> <td>Digits 3→7</td> <td>Batch number</td> </tr> <tr> <td>Digits 8→9</td> <td>Sub-batch number</td> </tr> <tr> <td>Digits 10→14</td> <td>Progressive number</td> </tr> <tr> <td>Digits 15→20</td> <td>Expiry Date (DDMMYY)</td> </tr> </table>		Digits 1→2	Media code	Digits 3→7	Batch number	Digits 8→9	Sub-batch number	Digits 10→14	Progressive number	Digits 15→20	Expiry Date (DDMMYY)											
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<p>GENERAL WARNING NOTES</p>	<p>Device must be handled according to asepsis precautions, of utilization of culture media is strictly referred to the type of analysis that must be done. Please refer to specific norms and procedures. Do not use if device is broken. Do not use if media shows accidental contamination signs. Do not utilize after expiry date. Let device reach room temperature before utilizing. Results interpretation must be done by qualified personnel, who must consider context of use.</p> <p>Disposal of waste must be carried out according to national and local regulation in force.</p>																						

¹ For E.coli ≥100 viable microorganisms

² Tested only for SDA+CAF

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This item is available in:

➤ Sterile bottled SDA

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
200ml	063/31PSC28.200	063/31PSC28.200.10 (10 bottles/pack)	200ml in 250ml volume, PP28Screw Cap Bottle	1 year
500ml	063/33PSC28.500	063/33PSC28.500.10 (10 bottles/pack)	500ml in 1000ml volume, PP28 Screw cap bottle	1 year
800ml	063/33PSC28.800	063/33PSC28.800.10 (10 bottles/pack)	800ml in 1000ml volume, PP28 Screw cap bottle	1 year

➤ Sterile bottled SDA+ NEUTRALIZERS

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
800ml	063RKT/33PSC28.800	063RKT/33PSC28.800.10 (10 bottles/pack)	SDA REKITT 800ml in 1000ml volume, PP28 Screw cap bottle	1 year

➤ Sterile bottled SDA+ CAF

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
200ml	1067/31PSC28.200	1067/31PSC28.200.10 (10 bottles/pack)	200ml in 250ml volume, PP28Screw Cap Bottle	1 year
400ml	1067/32PSC28.400	1067/32PSC28.400.10 (10 bottles/pack)	400ml in 500ml volume, PP28Screw Cap Bottle	1 year

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➤ Gamma irradiated SDA +NEUTRALIZERS plates

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
Ø90mm	063INHY/22	063INHY/22.100 (100 pcs/pack)	SDA + Lecithin +Tween 80 +Histidine+ S-Thiosulfate Filling volume: 30ml Packaging: Triple Wrapped Sterile (TWSI) Dose of irradiation: ≥ 25kGy	6 months
		063INHY/22.200 (200 pcs/pack)		
RODAC Ø55mm	063INHY/21	063INHY/21.120 (120 pcs/pack)	SDA + Lecithin +Tween 80 + Histidine + S-Thiosulfate Filling volume: 17ml Packaging: Triple Wrapped Sterile (TWSI) Dose of irradiation: ≥ 25kGy	6 months
		063INHY/21.240 (240 pcs/pack)		

➤ Not irradiated SDA plates

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
Ø90mm	063/10	063/10.100 (100pcs/pack)	Filling volume: 30 ml Packaging: Single wrapped (SW)	6 months

➤ Not irradiated SDA+CAF plates

MODEL	PRODUCT CODE	ORDER CODE	DESCRIPTION	SHELF LIFE
Ø90mm	1067/10	1067/10.100 (100pcs/pack)	Filling volume: 30 ml Packaging: Single wrapped (SW)	6 months

*Customized filling volumes and formulations are available upon request
To receive information please
contact info@cpcbiotech.it*