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

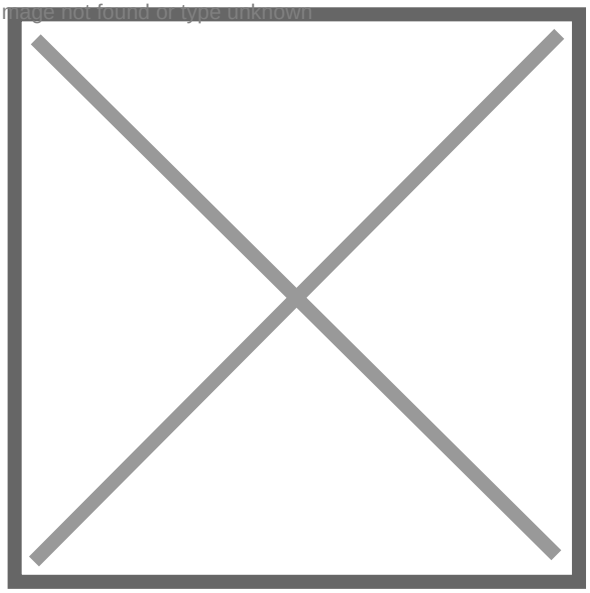
Product Name :

Agar Block

Product Code :

SCL360/081

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Science Lab
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Description :

Agar Block is a 500 gm pack of agar, the seaweed-derived gelling agent that sets culture media, diffusion blocks and plain gels in biology and microbiology practicals.It is listed as analytical reagent grade and comes with an MSDS. Agar is a gellingagent only, so nutrients must be added before it will grow microbes.

Agar pack and grade as listed

Parameter	Detail
Product	Agar Block
Material	Agar, a seaweed-derived gelling agent
Pack size	500 gm
Grade (as listed)	Analytical reagent
Documentation	Supplied with MSDS
Product code	SCL360/081
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Gels, plates and diffusion cubes from agar

Preparing a gel. Weigh the agar, sprinkle it into distilled water in a flat bottom flask while stirring, and heat it on a hot plate until the liquid turns completely clear. Let it cool until the flask can be held, then pour it into glass petri dishes and leave them undisturbed to set. For culture plates, add the nutrients the practical names before heating, and sterilise the flask of medium and the dishes, for example in an autoclave, before the plates are poured.

Diffusion cubes. Make the gel with a few drops of phenolphthalein and a little sodium hydroxide so that it sets pink. Cut cubes of three sizes with a scalpel, drop each into dilute hydrochloric acid, and use a digital stopwatch to time how long each cube takes to turn colourless right through.

Growth substances from shoot tips. Cut the tips from young oat or maize coleoptiles and stand them on small agar blocks for a few hours. A block set on one side of a coleoptile whose tip has been removed makes the shoot bend away from that side, showing that a growth substance passed from the tip into the agar.

Storing and handling agar

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