

PRODUCT INFORMATION

APT Agar

Cat. No. A01-101

DESCRIPTION

APT Agar or All Purpose Tween Agar is used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content.

FORMULA (g/L)

Yeast Extract	7.5 g	Dipotassium Phosphate	5.0 g
Tryptone	11.0 g	Manganese Chloride	0.14 g
Dextrose	10.0 g	Magnesium Sulfate	0.8 g
Sodium Citrate	5.0 g	Ferrous Sulfate	0.04 g
Thiamine Hydrochloride	0.001 g	Polysorbate 80	0.2 g
Sodium Chloride	5.0 g	Agar	15.0 g

Final pH: 6.7 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 59.7 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and light beige.
2. Visually the prepared medium is trace to light haze, light to medium amber.
3. Expected cultural response after 18-72 hours at 35 °C.

ORGANISM	RESULT
<i>Lactobacillus fermentum</i> ATCC 9338	Good Growth
<i>Leuconostoc mesenteroides</i> ATCC 12291	Good Growth
<i>Lactobacillus acidophilus</i> ATCC 4356	Good Growth



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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