

ATCC Medium: 260 Tryptic Soy Agar/Broth with 5% Sheep Blood (defibrinated)

Agar Medium

Tryptic Soy Agar (BD 236950).....40 g
Sheep Blood (defibrinated).....50 ml
DI Water.....950 ml

Autoclave at 121°C. Cool sterilized medium to ~47°C. Aseptically add 50 ml of room temperature defibrinated sheep blood. Gently mix and dispense as required.

Broth Medium

Tryptic Soy Broth (BD 211825).....30.0 g
Sheep Blood (defibrinated).....50 ml
DI Water.....950 ml

Follow same procedure as agar medium above.

If commercialized product is not available, Tryptic Soy Agar can be made from scratch, by following the formulation below:

Tryptic Soy Agar Composition

Tryptone.....15.0 g
Soytone.....5.0 g
NaCl.....5.0 g
Agar.....15.0 g
DI Water.....950 ml

pH to 7.3 +/- 0.2. (Tryptone-Pancreatic Digest of Casein; Soytone-Papaic Digest of Soybean Meal). To make Tryptic Soy Broth from scratch, follow Tryptic Soy Agar formulation but omit agar.