

ATCC medium: 2210 Enriched anaerobe medium

This medium is a substitute for Chopped meat medium (ATCC medium 1490). It is essentially the same as ATCC medium 1490 with Lab-Lemo Powder substituted for chopped meat extract.

Oxoid Lab-Lemco Powder is equivalent to Difco Beef Extract but it produces a much lighter colored medium than beef extract.

Trypticase.....	30.0 g
Oxoid Lab-Lemco Powder.....	20.0 g
Yeast extract.....	5.0 g
K ₂ HPO ₄	5.0 g
Vitamin K1.....	1.0 mg
Hemin.....	5.0 mg
L-Cysteine . HCl.....	0.5 g
0.025% Resazurin.....	4.0 ml
Agar (if needed).....	15.0 g
Distilled water.....	1.0 L

Dissolve the vitamin K1 in a small volume of ethanol. Dissolve the hemin in a small volume of N NaOH.

Combine ingredients, except for hemin, vitamin K1, and cysteine in water. Boil the medium for 30 minutes under gas (80% N₂, 10% CO₂, 10% H₂). Allow to cool, then add the hemin, vitamin K1, and cysteine. Adjust pH to 7.0 +/-0.2. Dispense into tubes with rubber stoppers and autoclave at 121C for 15 minutes.