

ATCC medium: 431 Trypanosome medium

Solid Phase:

Beef extract.....3.0 g
Peptone.....5.0 g
NaCl.....8.0 g
Agar.....15.0 g
Distilled water.....1.0 L

Liquid Phase (Locke's solution):

NaCl.....8.0 g
KCl.....0.2 g
CaCl₂.....0.2 g
KH₂PO₄.....0.3 g
Glucose.....2.5 g
Distilled water.....1.0 L

Adjust pH of both phases to 7.2-7.4. Autoclave both phases at 121C for 15 minutes. Cool the solid phase mixture to about 45C and aseptically add 30% sterile, defibrinated, rabbit blood. Aseptically dispense in sterile 16 X 125 mm screw-capped test tubes in 5 ml amounts. Slant. After cooling the slants, aseptically dispense 3.0 ml of Locke's solution (Liquid phase) over each slant.