

HSM (Jones' Horse Serum Medium)

Freshwater protozoa

Stocks	per litre
(1) Sterile buffered saline: Na ₂ HPO ₄ ·12H ₂ O KH ₂ PO ₄ NaCl Dispense 8.5 ml aliquots into test tubes. Cap and autoclave at 15 psi for 15 minutes.	2.65 g 0.41 g 7.36 g
(2) Sterile horse serum (Oxoid SR35) * Sterilise by passing through 0.22 µm filter.	0.5 ml per test tube
per 100 ml	
(3) Sterile 1% "Marmite" solution: "Marmite" Sterilise by passing through 0.22 µm filter.	1.0 g
per 20 ml	
(4) Rice starch suspension: Rice starch Place dry rice starch into a dry 50 ml bottle, and cap. Place 20 ml deionised water into a separate bottle. Autoclave separately at 15 psi for 15 minutes. When cool, aseptically combine the contents of the two bottles. Mix thoroughly by shaking.	5.0 g
Medium	
Sterile buffered saline (1)	8.5 ml
Sterile horse serum (2)	0.5 ml
Sterile 1% "Marmite" solution (3)	1.0 ml
Rice starch suspension (4)	one drop

Aseptically add stock solutions (2), (3) and (4) in above amounts to each test tube. Incubate at room temperature for 3 days to check sterility prior to use.

Supply

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