

STUART TRANSPORT MEDIUM

For the preservation of *Neisseria* spp. and other fastidious microorganisms.

TYPICAL FORMULA (g/l)

Sodium Glycerophosphate	10.000
Sodium Thioglycollate	1.000
Calcium Chloride	0.100
Agar	3.400
Methylene Blue	0.002

DIRECTIONS

Suspend 14.4 g in 1000ml of cold distilled water, heat to boiling with frequent agitation and distribute into small screw-capped vials filling each vial almost to the top. Sterilise by autoclaving with caps loose, at 121°C for 10 minutes, then screw caps on tightly, and cool vials rapidly.
Final pH 7.3 ± 0.2

DESCRIPTION

Stuart Transport Medium, prepared according to the Stuart formula, is a semisolid, highly reducing, non-nutritive medium used for the transport of specimens of clinical source to the laboratory. Stuart's preparation was designed to preserve *Neisseria gonorrhoeae* and *Trichomonas vaginalis* without permitting their proliferation. The medium has been shown to be suitable for transporting *Haemophilus influenzae*, *Streptococcus pyogenes*, *Corynebacterium diphtheriae*, *Enterobacteriaceae* and bacteria of the respiratory tract. These microorganisms can live on Stuart Transport Medium for not more than 24 hours, whilst, more resistant microorganisms stay alive for up to 72 hours. However, as a general rule it is better to subject all specimens to microbiological analysis as soon as possible.

TECHNIQUE

To transport specimens, insert a third of the swab with which the material has been collected into the centre of the medium: then cut the rod and screw the test-tube stopper down to clamp the swab. Keep the test-tubes in a refrigerator until dispatch.

STORAGE

Dehydrated medium: 10-30°C
User prepared tubes: 3 months at 10-30°C.

REFERENCE

- Stuart, R.D., Toshach Sheila, R. & Patsula, T.M. (1954) - Canad. J. Pub. Hlth. **45**, 73-83.

PACKAGING

4020912 **Stuart Transport Medium** **500g (34.7 l)**