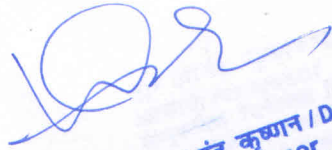


**CENTRE FOR COMMUNITY MEDICINE
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Ref No. RE:1339/Oct/Enq02

Specifications for Viral Transport Medium (VTM) :

1. VTM will be used to collect throat and nasal swabs from human subjects.
2. VTM should be prepared as follows: Add Sodium bicarbonate 0.35 gm, or 4.7 ml of 7.5%, bovine albumin serum 10 ml 10% final conc. 0.1% and antibiotics (Penicillin G 10, 000X – 10,000U/ml and streptomycin 10,000 ug/ml) 50 ml (Make up the volume by 1000ml).
3. VTM should have pH change indicator.
4. The VTM should have been sterilized by filtration only.
5. The VTM should be stable at room temperature, which can sustain viability (and infectivity) of a plurality of organisms that include clinically important viruses, chlamydiae, mycoplasmas and ureaplasmas etc. during transit to the testing laboratory.
6. The formulation of VTM should include protein for stabilization, antibiotics to minimize bacterial and fungal contamination, and a buffer to maintain a neutral pH.
7. It should be provided in labeled capture-cap 15 ml vials with an amount 3-5ml quantity.
8. VTM should meet the WHO standards and recommendations.



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