

Transport and nutrient transport media

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Definition

- Transport or temporarily store of organism that subsequently will be isolated, the medium is intended to maintain the viability and infectivity of the organism during the period between collection and cultivation of specimen.

- Transport media contain buffer and salt, and for anaerobes must be free of oxygen.
- Example:
- Thioglycolate broth for strict anaerobes
- Venkat Ramakrishnan for *V. cholera*

Nutrient transport media

- They are containing material (salt, buffer, carbon, nitrogen, organic growth factor) that survive and multiply the microorganism before get to laboratory.
- Example: Uri-cult dip slide techniques



Example



- **1. Vacutainer Midstream Urine Collection Kit:**
- **Use: Urine culture**
- **Urine sample must delivered in 24h**



Stool collection kit

- **Red Lid**

- Stool for *Clostridium difficile*

- Stool for Rotavirus

- Stool for bacterial culture

- Stool for white blood cells

- **Yellow Lid**

- Stool-without history

- Stool-with history

