

used to accurately create highly diluted solution. Serial dilution is used to reduce the concentration of microscopic organisms or cells in a sample.

STREAK PLATE:

This method is a rapid qualitative isolation method. It is essentially a dilution technique that involves spreading a loop full of culture over the surface of an agar plate.

SPREAD-PLATE:

This technique requires that a pre-dilution mixture of microorganisms be used. During inoculation, the cells are spread over the surface of a solid agar medium with a sterile, L-shaped bent rod while petri-dish is spun on a 'lazy-Susan' turntable.

POUR-PLATE:

This technique requires a serial dilution of the mixed culture by means of a loop pipette. The dilution inoculum is then added to a molten agar medium in a petri-dish, mixed and allowed to solidify.

Preview from Notesale.co.uk
Page 3 of 3