

How to use GPLP Agar Media

MicroBio Corporation

1. General Description

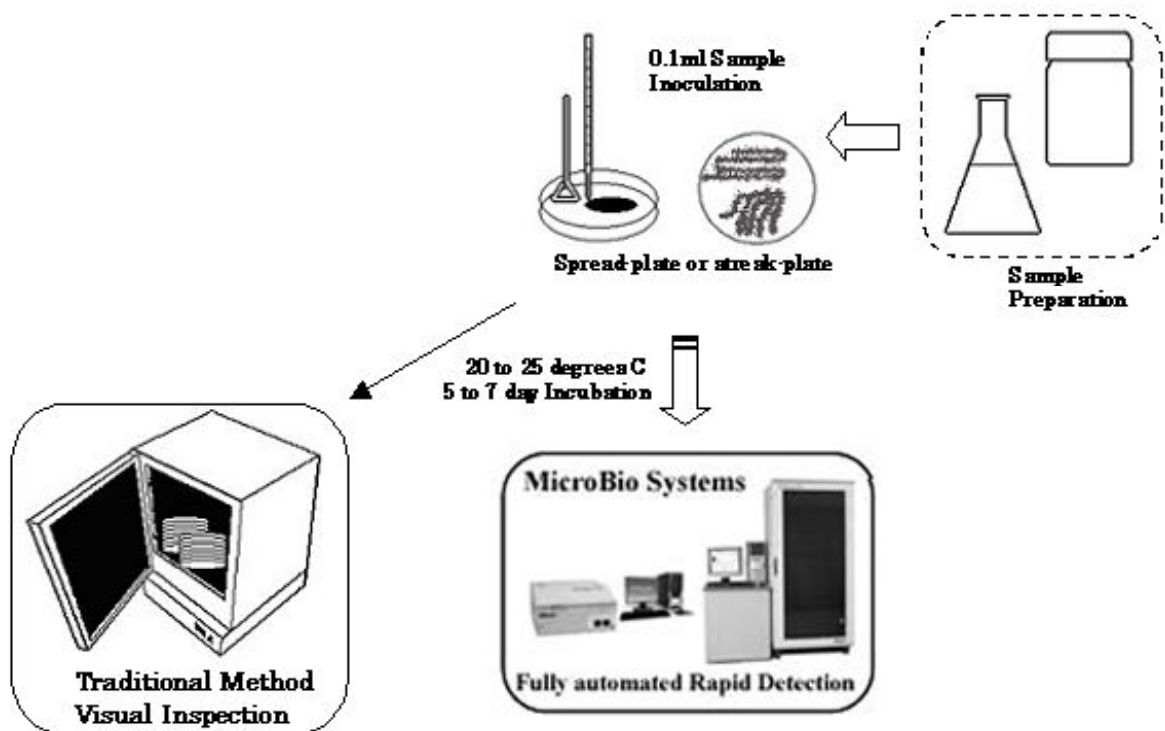
This prepared plated agar media is designed to culture and detect aerobic microorganisms and molds. The composition is based on glucose and peptone with lecithin and polysorbate formulated. This media also has a characteristic of keeping moisture for prolonged incubation.

2. Detection Procedure (spread-plate for 0.1ml sample or streak-plate)

2-1 Prepare a spread-plate and/or streak-plate inoculation of each test culture.

2-2 Incubate the plates at 20 to 25 degrees C temperature for 5 to 7 days.

When MicroBio system is used, fully automated rapid detection and precise colony counts can be achieved.

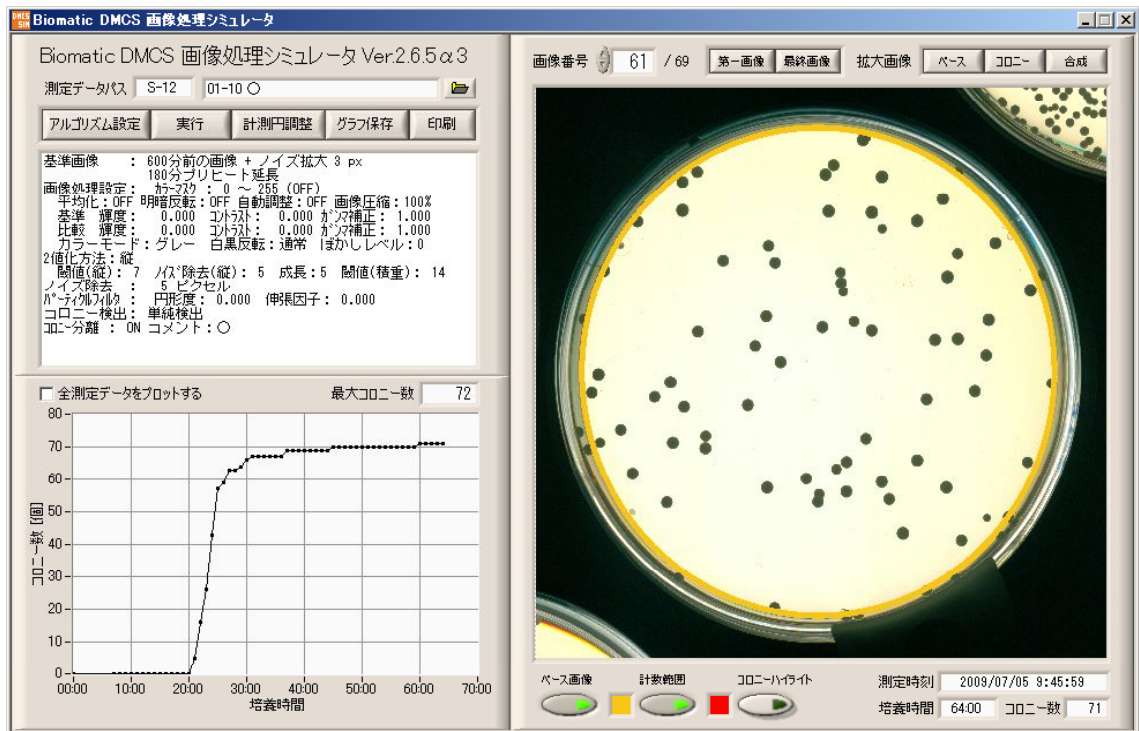


3. Preservation

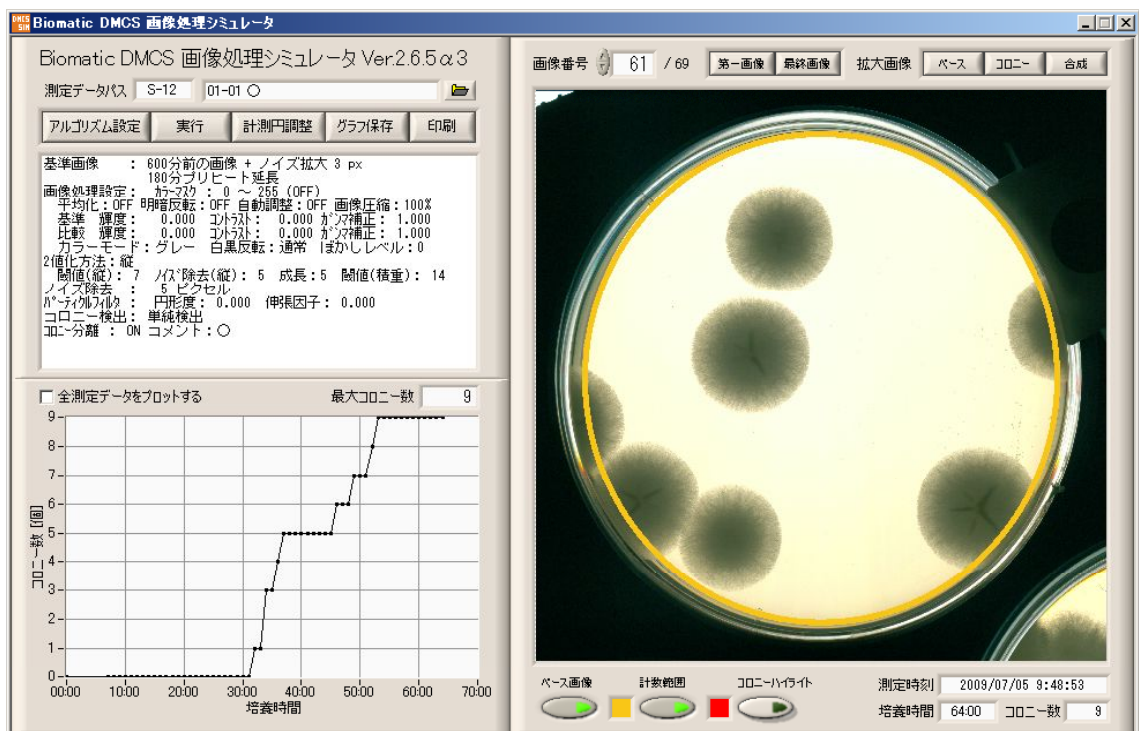
For preservation, keep and store the media in dark place at room temperature.

4. Detection Examples (MicroBio system Data)

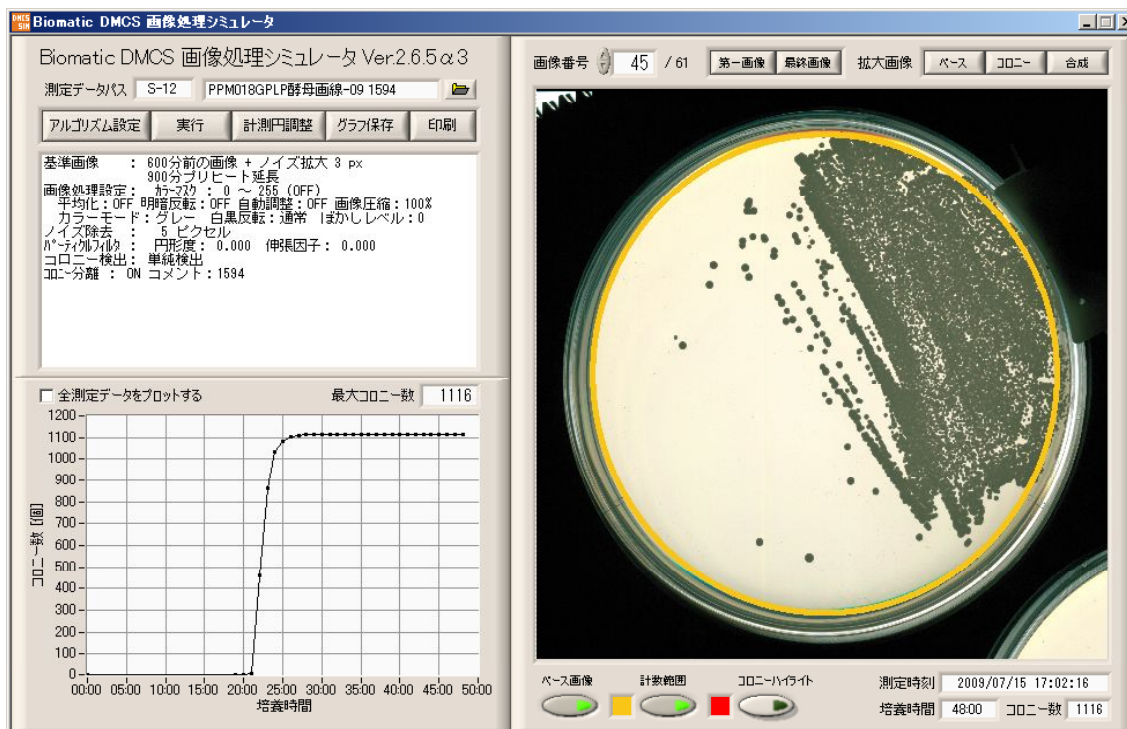
4-1 0.1ml Sample Spread-plate: *Candida albicans* (NBRC1594) on PPM018 media [MicroBio system Data (30 hour-detection) at 25 degrees C Incubation]



4-2 0.1ml Sample Spread-plate: *Aspergillus niger* (NBRC9455) on PPM018 media [MicroBio system Data (48 hour-detection) at 25 degrees C Incubation]



4-3 0.1ml Sample Streak-plate: *Candida albicans* (NBRC1594) on PPM018 media
 [MicroBio system Data (26 hour-detection) at 25 degrees C Incubation]



4-4 0.1ml Sample Streak-plate: *Aspergillus niger* (NBRC9455) on PPM018 media
 [MicroBio system Data (37 hour-detection) at 25 degrees C Incubation]

