

How to use Standard Plate Count Agar Media

MicroBio Corporation

1. General Description

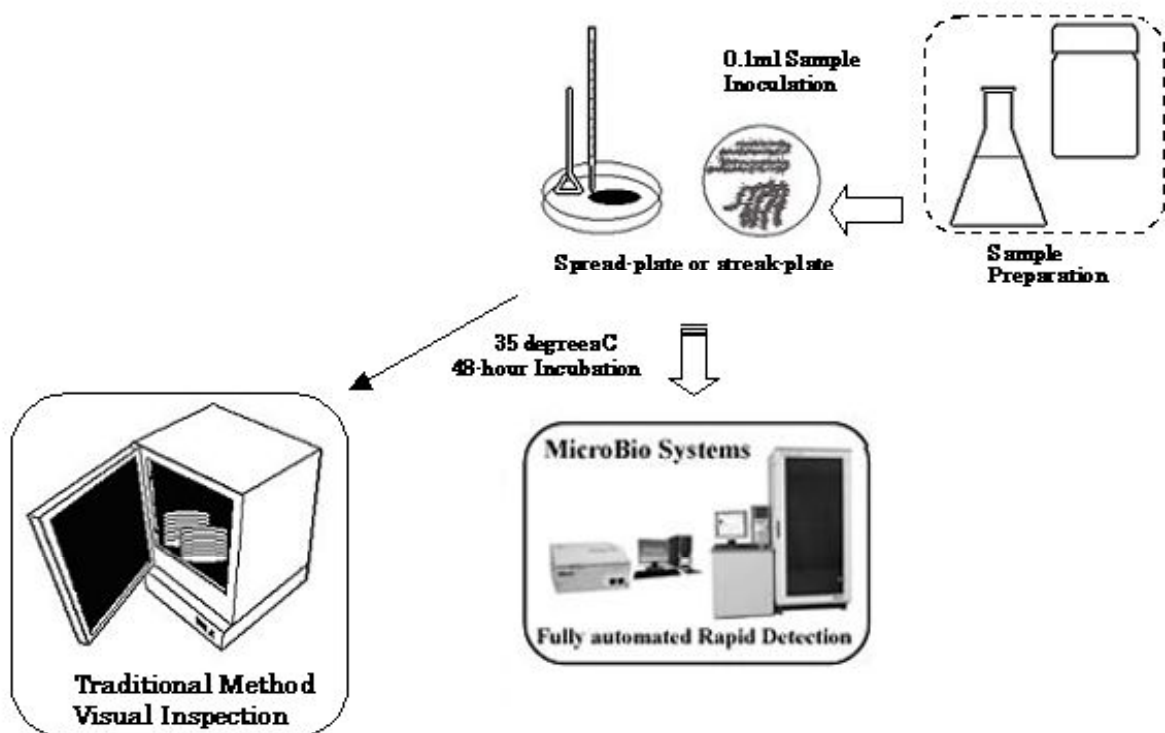
This prepared plated agar media is designed to culture microorganism gentry even for damaged ones and detect it rapidly for accurate plate counting. This media also has a characteristic of keeping moisture for prolonged period of incubation.

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 35 degrees C temperature for 48 hours.

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

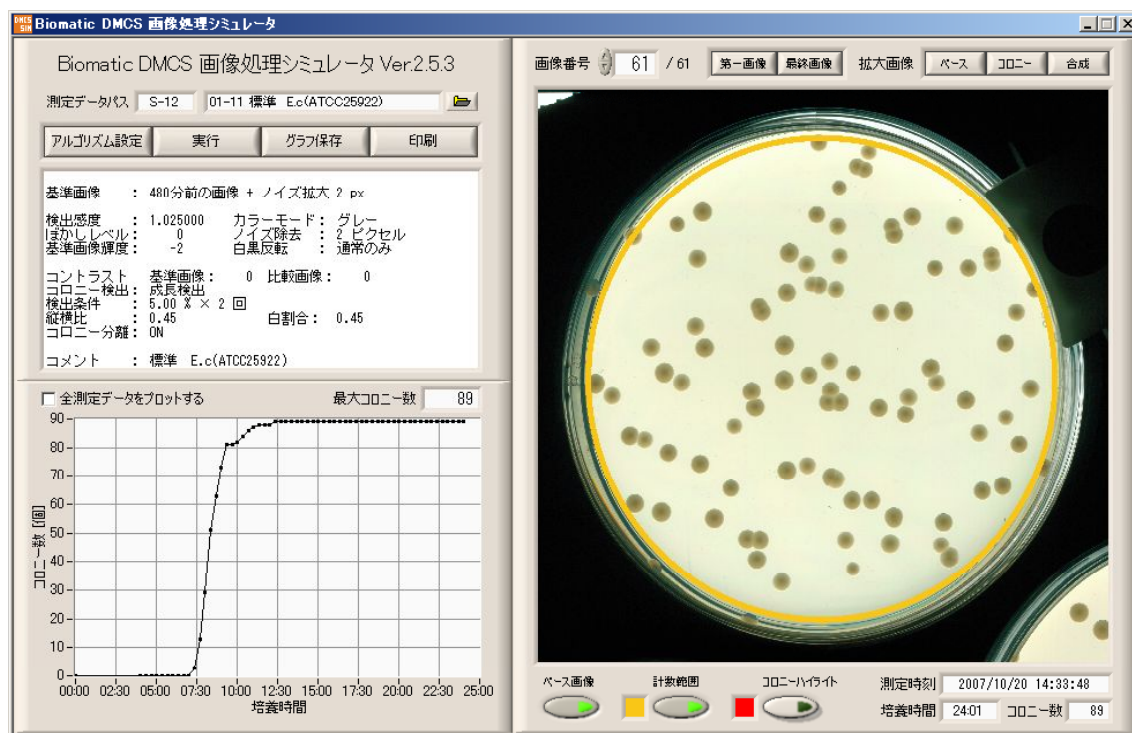


3. Preservation

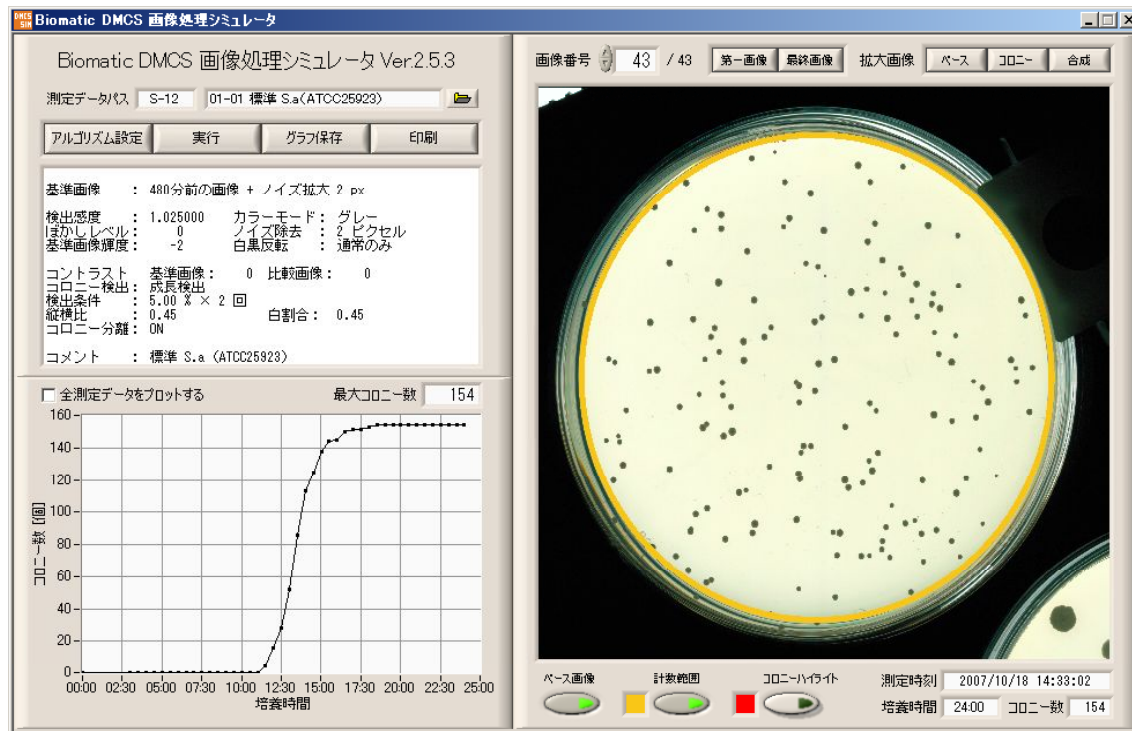
For preservation, keep and store the media in dark place at room temperature.

4. Detection Examples (MicroBio system Data)

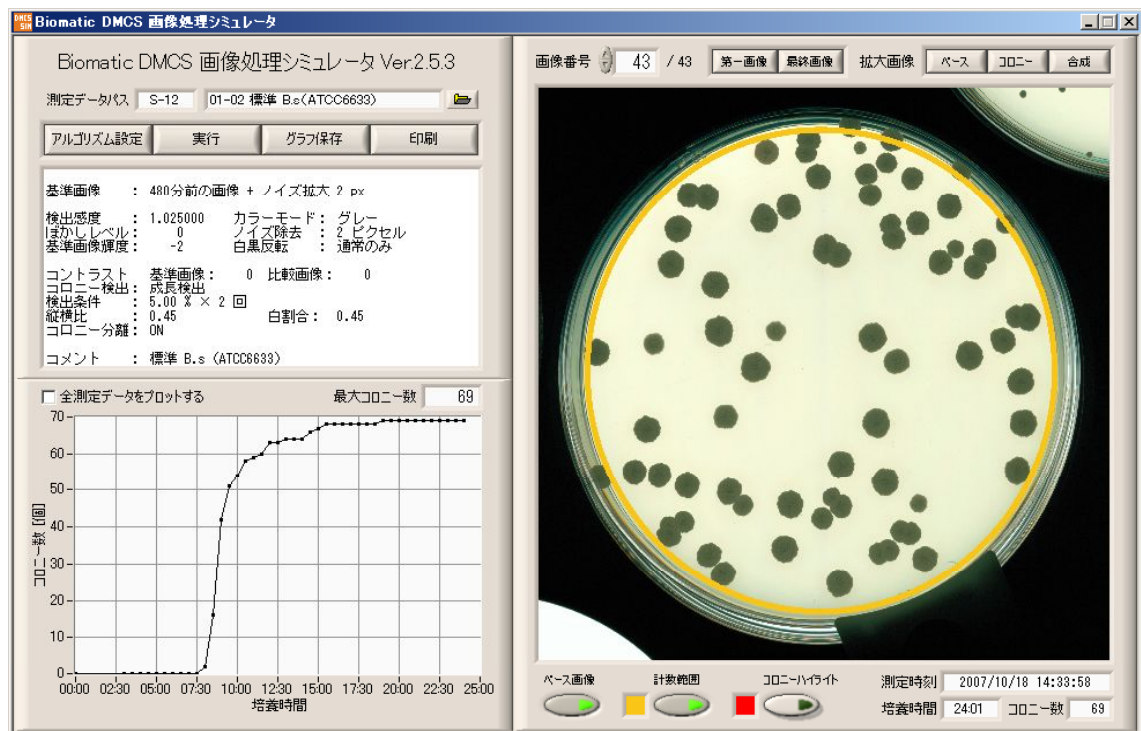
4-1 0.1ml Sample Spread-plate: *Escherichia coli* (ATCC25922) on PPM002 media [MicroBio system Data (13 hour-detection) at 35 degrees C Incubation]



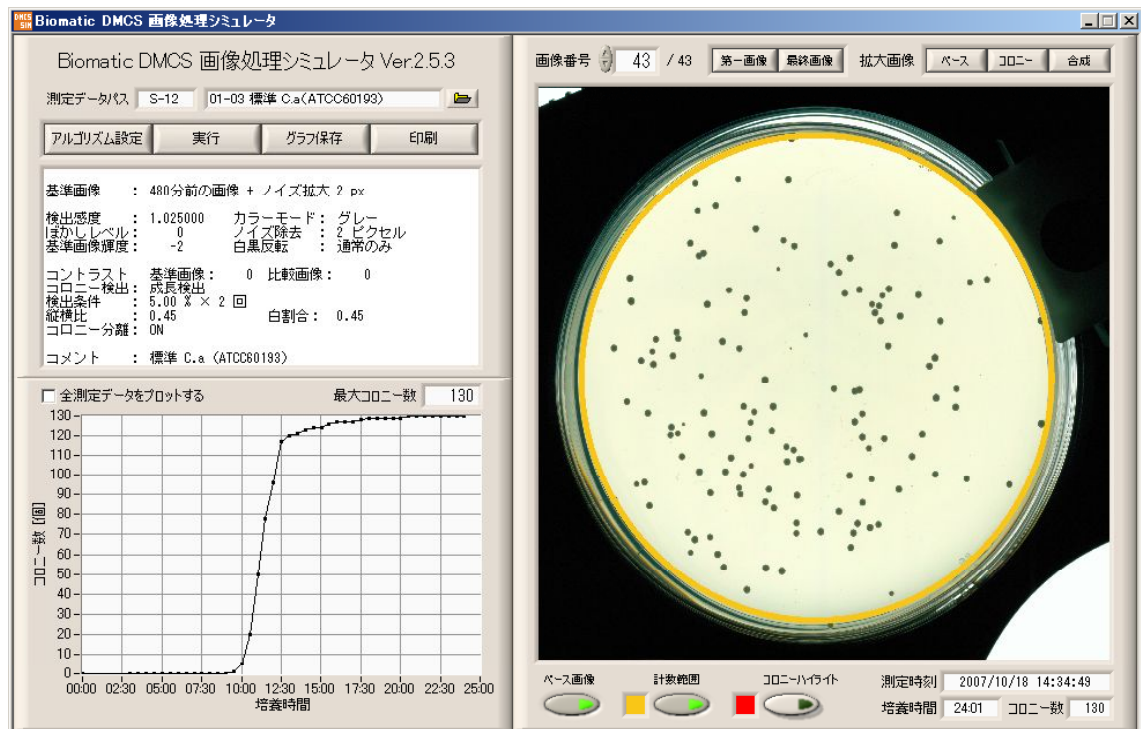
4-2 0.1ml Sample Spread-plate: *Staphylococcus aureus* (ATCC25923) on PPM002 media [MicroBio system Data (17 hour-detection) at 35 degrees C Incubation]



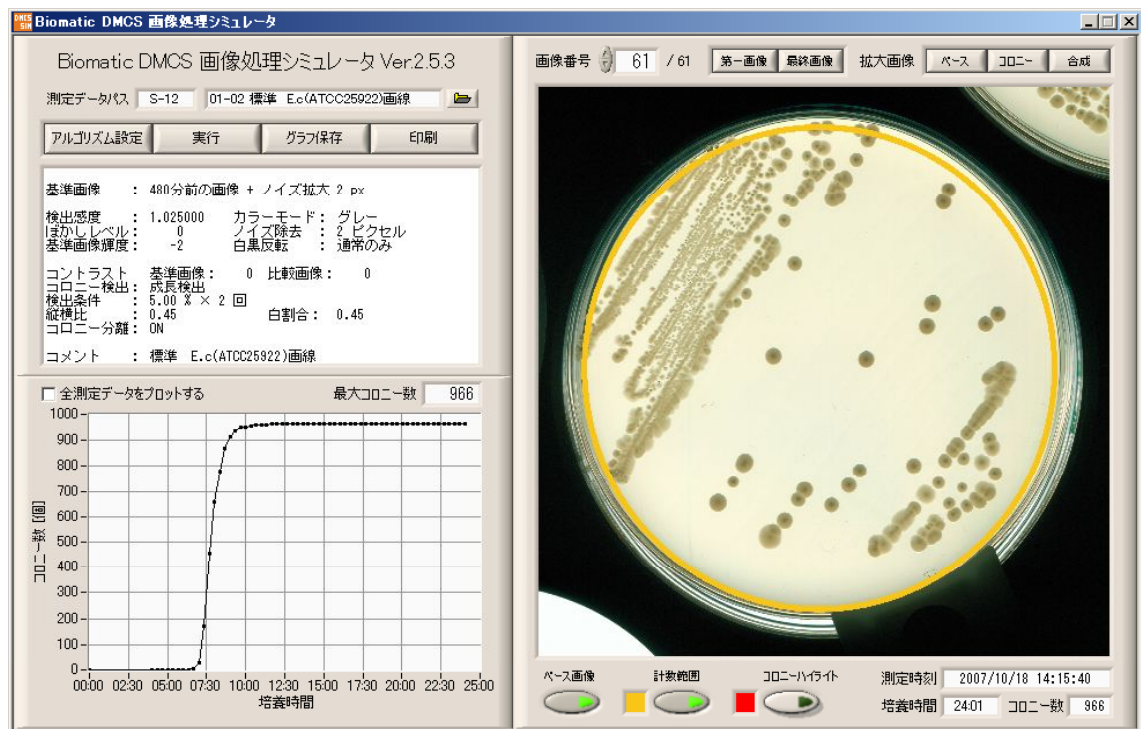
4-3 0.1ml Sample Spread-plate: *Bacillus subtilis* (ATCC6633) on PPM002 media
 [MicroBio system Data (15 hour-detection) at 35 degrees C Incubation]



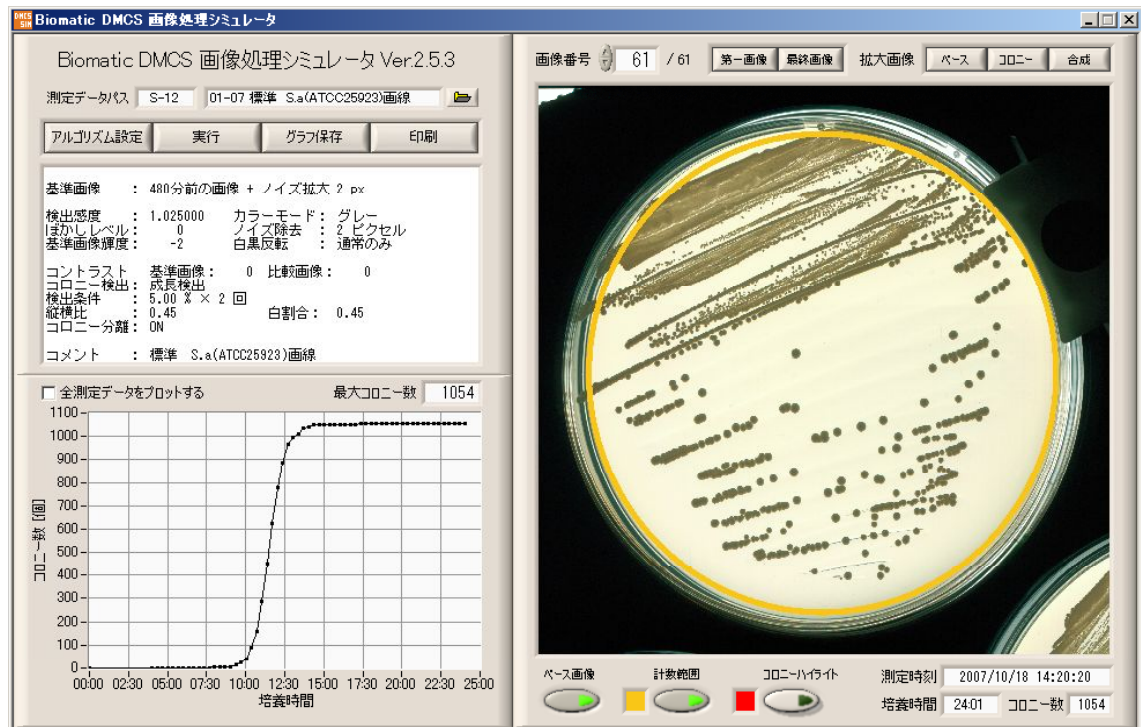
4-4 0.1ml Sample Spread-plate: *Candida albicans* (ATCC60193) on PPM002 media
 [MicroBio system Data (15 hour-detection) at 35 degrees C Incubation]



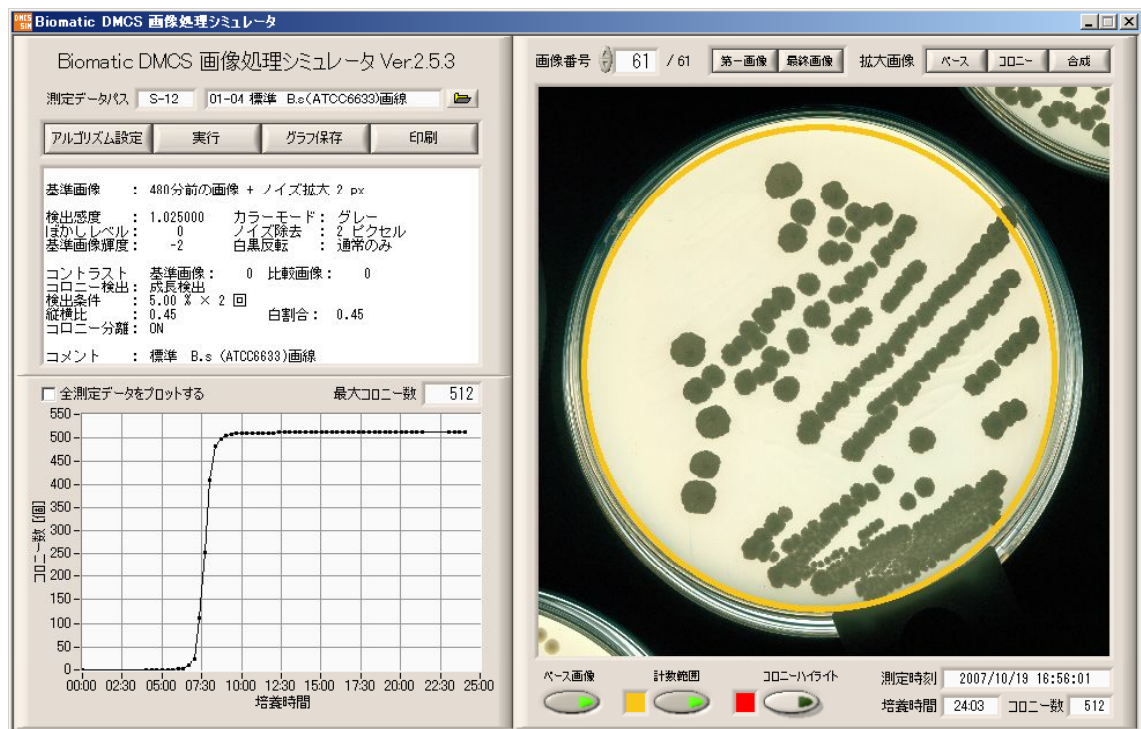
4-5 0.1ml Sample Streak-plate: *Escherichia coli* (ATCC25922) on PPM002 media
 [MicroBio system Data (10 hour-detection) at 35 degrees C Incubation]



4-6 0.1ml Sample Streak-plate: *Staphylococcus aureus* (ATCC25923) on PPM002 media
 [MicroBio system Data (15 hour-detection) at 35 degrees C Incubation]



4-7 0.1ml Sample Streak-plate: *Bacillus subtilis* (ATCC6633) on PPM002 media
 [MicroBio system Data (10 hour-detection) at 35 degrees C Incubation]



4-8 0.1ml Sample Streak-plate: *Candida albicans* (ATCC60193) on PPM002 media
 [MicroBio system Data (13 hour-detection) at 35 degrees C Incubation]

