

## Clean Stamp MSO Agar (MSO)

Microbiological Test for Medical Ambience: MRSA

**Code    1000102 – 100 plates**  
**1000101 – 30 plates**

### Formula (in 1 liter)

Beef Extract.....	1.0g	Colistin.....	10.0mg
Peptone.....	10.0g	Amphotericin B.....	2.0mg
Sodium Chloride.....	40.0g	Aztreonam.....	5.0mg
Mannitol.....	10.0g	Phenol Red.....	25.0mg
Sodium Pyruvate.....	2.0g	Egg Yolk.....	30.0ml
Lithium Chloride.....	5.0g	Agar.....	15.0g
Oxacillin.....	6.0mg		
pH 7.4 ± 0.1			

### Directions

Clean Stamp is a prepared agar medium for Stamp method, on which agar stands up slightly above the rim of special Petri dish of 10 cm<sup>2</sup>. Take off the cap of Clean Stamp and gently press the medium against the surface of specimen. The surface of agar is elastic enough to be pressed firmly against the specimen. Press against the different parts of the specimen when several kinds of Clean Stamps are tested simultaneously. Put the cap again immediately after pressing. Incubate at 35°C for 24 - 48 hours.

### Interpretations

**MRSA:** MRSA forms round yellow/cream color colonies with yellow surroundings around the colonies. Due to positive Egg Yolk reaction, white turbidity is developed inside the medium around the colonies while the surface has pearly luster.

In case of faint Egg Yolk reaction is observed, extend incubation to 48 hours, and read the reaction after colonies are removed.

**Non MRSA:** Mannitol non-fermenting (no yellow color change) and negative Egg Yolk reaction bacteria are not MRSA.

### Storage

Do keep at 4 – 10°C. Do not freeze.

Two (2) months after manufacturing.