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Mast Uri® *Locate*

Introduction

Mast Uri® *Locate* is a solution used to ensure correct orientation of **Mast Uri® *Plates*** when placed in the **Mast Uri® *Plus***.

Mast Uri® *Locate* is used as part of the **Mast Uri® *System*** (a semi-automated system for the direct culture, identification and susceptibility testing of urine pathogens) designed for use in high throughput laboratories. The **Mast Uri® *System*** comprises **Mast Uri® *Plus*** imaging analyser, **Mast Uri® *Dot*** inoculator and **Mast Uri® *Plates***.

Intended Use

Mast Uri® *Locate* is used to indicate that **Mast Uri® *Plates*** have been inoculated and will act as an orientation marker to ensure correct orientation of plates when placed in the **Mast Uri® *Plus***.

Mast Uri® *Plates* are inoculated with urine specimens and **Mast Uri® *Locate*** using the dedicated **Mast Uri® *Dot*** inoculator and 96 pin head. Following incubation, plates are read and interpreted by the **Mast Uri® *Plus*** imaging analyser.

FOR IN VITRO DIAGNOSTIC USE ONLY

Components

14ml ink with fluorescent marker.

Storage and shelf life

Store at 2°C to 35°C in the packaging provided until the expiry date shown on the pack label. Protect from bright light.

Warnings and precautions

For *in vitro* diagnostic use only. Observe approved biohazard precautions and aseptic techniques. To be used only by adequately trained and qualified laboratory personnel. Sterilise all biohazard waste before disposal. Refer to product safety data sheet.

The reagent may stain if spilled. User should use protective personal equipment (PPE) such as laboratory coat and protective disposable gloves to prevent staining of skin and garments.

Any spillage onto skin and garments should be washed off immediately with soap and water.

Any spillage onto surfaces should be washed off immediately with water and suitable cleaning agents.

Materials required but not provided

96 well microwell plates and suitable PPE.

Procedure

1. **Mast Uri® *Locate*** should be used in conjunction with **Mast Uri® *Dot*** to ensure that the correct volume of reagent is transferred on to the **Mast Uri® *Plates***.
2. An additional pin is provided for use with **Mast Uri® *Locate***.
3. **Mast Uri® *Locate*** should be scanned using the **Mast Uri® *System*** barcode reader. The well into which the reagent should be dispensed (H12) will be highlighted on screen and on the **Mast Uri® *Well***.
4. The **Mast Uri® *System*** requires the **Mast Uri® *Locate*** to be scanned and dispensed first. The software will not allow the dispensing of urine samples until this has been completed.
5. Shake the bottle well and dispense 2 drops of the **Mast Uri® *Locate*** into the allocated well (H12) of the test tray.
6. Inoculate **Mast Uri® *Plates*** with the specimens and **Mast Uri® *Locate***, using the **Mast Uri® *Dot***.
7. After inoculation, the **Mast Uri® *Locate*** pin should be cleaned and removed from the pinhead prior to the pins being placed into 70% alcohol for sterilisation. This is to prevent the **Mast Uri® *Locate*** staining the other pins.

Interpretation of results

Refer to the **Mast Uri® *Plus*** IFU for information on how to read inoculated **Mast Uri® *Plates***.

If the **Mast Uri® *Plate*** is placed in the incorrect orientation, the **Mast Uri® *Plus*** will alert the user. This will be indicated by a message on the computer screen and a flashing yellow light on the **Mast Uri® *Plus***. If this occurs, remove the plate then replace it in the correct orientation in the **Mast Uri® *Plus*** and read as normal.

Limitations

Mast Uri® *Locate* is light sensitive and can degrade if exposed to white light for an extended period. If the reagent has deteriorated it will be rejected by the **Mast Uri® *Plus***.

Quality control

Check for signs of deterioration. Do not use the product if the tamper proof seal is broken.

References

1. **Mast Uri® *Plus*** IFU