∑–MM™ MWMM

INTENDED USE

∑–MM™ is designed to kill deadly pathogens within seconds, rendering the sample safe to transport and process clinically important microorganisms by molecular methods. The microorganisms are deactivated; however, the important DNA and RNA is preserved allowing for analysis with commercially available DNA/RNA extraction kits.

BACKGROUND

∑–MM™ is supplied as a small vial with screw cap, containing 1.5ml of ∑–MM™ liquid medium. The medium works by disrupting lipid membranes, destroying proteins and enzymes and inactivating nucleases. The naked DNA and RNA is preserved within the sample.

PRINCIPLE AND SUMMARY

Specimen collection and transport is a crucial process in the molecular detection of clinically important Viruses and Bacteria. ∑–MM™ is available as a safe ready to use system allowing for the stabilisation and transport at ambient temperature of samples to the testing laboratory.

APPEARANCE

The medium is clear and colourless.

PRECAUTIONS 

- For in vitro diagnostic use only.
- Wear gloves and safety glasses when handling.
- If inserting a swab or swab tip into the liquid, take care to avoid splashes.
- Any splashes on skin of uninoculated liquid should be washed immediately with water.
- In the case of any splashes on the eye with uninoculated liquid, rinse immediately with plenty of water and seek medical advice.
- In case of any splashes with liquid after inoculation with potentially infectious specimen, wash immediately with water but also seek immediate medical advice regarding further precautionary measures. Dispose of any contaminated clothing following containment measures appropriate for the suspected infectious agents.
- Do not drink, touch or remove the solution from the collection tube,
- Do not transfer the solution or pool the solution into larger volumes,
- Do not leave the tubes uncapped longer than 10 minutes
- For fluid specimens, do not add more than 1ml.
- Do not mix with any solutions containing strong acid, or strong alkali including bleach, as this can cause the release of small amounts of toxic gas.
- *Contains guanidine thiocyanate*

DISPOSAL OF SPECIMENS

For disposal of the specimen contained in the medium, follow the local and institutional guidelines for handling and disposing of hazardous waste. Do not dispose into sewage system.

DIRECTIONS FOR USE

- Can be used with swab or fluid sample. For use with swab ensure tip is fully immersed in medium.
- For use with fluid samples, a maximum of 1ml should be added to the vial.

1. Unscrew cap of ∑–MM™
2. Collect clinical/biological specimen using standard clinical practices
3. Carefully add specimen into the medium.

4. (a) If using a swab snap against the side of the vial so that the tip is immersed in medium. Take care to avoid splashes.
   Dispose of remaining swab shaft as infectious clinical waste.
   In case of any splashes refer to Precautions section above.

   (b) If adding fluid specimen, for example by pipette, ensure all fluid (maximum 1ml) is immersed into liquid, then carefully remove and dispose of pipette tip as infectious clinical waste.

5. Replace cap and close securely.
6. Gently agitate to ensure mixing of contents.
7. Fill in the patient or specimen details on label.
8. Transport to laboratory for testing. Specimens in ∑–MM™ are biologically stable and can be safely shipped without refrigeration or dry ice. Observe any packaging requirements for transport of pathogenic material.
9. Proceed with RNA/DNA extraction (using any available RNA/DNA extraction kit)

STORAGE AND SHELF LIFE

Storage

Do not store together with acids. Store at ambient temperature for use. For long term storage, keep containers at 4°C.

Shelf life 1 year.

Further safety information, refer to Safety Data Sheet.

4°C 25 °C IVD

EC REP

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