

Title: Performing a UHT Assay on the 3M™ Microbial Luminescence System [MLS] or 3M™ Microbial Luminescence System-USB [MLS-USB]

3M™ MLS or 3M™ MLS-USB Operation– UHT Assay

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Technology Platform: 3M™ Microbial Luminescence System [MLS]

Originating Location: St. Paul, Minnesota

This technical bulletin is intended to provide a quick protocol for testing microbial contamination in Ultra High Temperature (UHT) processed and Extended Shelf-Life (ESL) dairy products using the 3M™ UHT Dairy Screen Kit(s) and the 3M™ MLS or 3M™ MLS-USB.

1. Select **UHT** Button.
2. Type in the correct **PLATE ID**. The Plate ID is used as a file name and should not contain more than 8 characters, nor -, ., or /. If using the date, use a sub group number or letter to define each run during the same day.
Example: 010200a1 where **010200** - stands for January 2, 2000 either for the production date or code date, **a** being either the first run or morning shift and **1** being the first run of the morning shift.
3. Type in the **OPERATOR's** Name or Initials.
4. In Check List choose the appropriate number of tests and the location of the first sample. This must be done for both the dispC1s10X.asy and the C1s10X.asy.

Example - 32 A1 dispC1s10X.asy
 32 A1 C1s10X.asy

5. Place Test Plate in Plate Carrier and click **START**

Proceed to steps 6 and 7 only if a record of the Kit Lot Numbers is desired.

6. Enter the Lot Specific Data if prompted to do so. Click **OK**.
Click YES to verify that all the Lot Specific Data is correct.

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