

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

3M™ MLS or 3M™ MLS-USB Operation– Reagents Check 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 when performing a Reagents Check on the 3M™ MLS or 3M™ MLS-USB [USB port].

1. Choose 6 wells. Pipet nothing into wells A1 and B1. Pipet 50 µl of ATP control standard into wells C1, D1, E1 and F1.
2. Select **REAGENTS** Button.
3. Type in the correct **PLATE ID**. The Plate ID is used as a file name and should contain no more than 8 numbers or letters, no “-“ , “.”, “/” or “’”.
Example of the Plate ID for reagent test: 010200r2 where “r” stands for Reagents Check and “2” stands for the second reagent check performed on the date 01/02/2000.
4. Type in the **OPERATOR’s** Name or Initials.
5. Place Test Plate in Plate Carrier and click **START** or **OK**.
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**.
7. Click **YES** to verify that all the Lot Specific Data is correct.

Reagent Check Test Results:

The first 2 wells (A1, B1) should be <35, the next two wells (C1, D1) <150, and the last two wells (E1, F1) ≥4,000.

If the Reagents Check fails in any area, see the package insert for troubleshooting instructions.

Once the Reagents test is complete follow instructions for Ultra High Temperature (UHT) processed and Extended Shelf-Life (ESL) dairy products testing.

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