**Labeled Control Strain Detection**

**Cotton Swab**

1. Prepare the reaction solution by mixing 1 μL of Nano-Glo® Luciferase Assay Substrate (white cap) with 49 μL of Nano-Glo® Luciferase Assay Buffer (yellow cap)
2. Swipe a cotton swab across the surface of a plate to collect colonies
3. Saturate the cotton swab with the reaction solution
4. Visualize in a dark area

**Paper**

1. Prepare the reaction solution by mixing 1 μL of Nano-Glo® Luciferase Assay Substrate (white cap) with 49 μL of Nano-Glo® Luciferase Assay Buffer (yellow cap)
2. Saturate laboratory paper (e.g. Whatman™) with the reaction solution
3. Scoop 3-5 colonies onto a sterile loop
4. Scratch cells onto the saturated paper and visualize in a dark area

**Broth**

1. Prepare the reaction solution by mixing 1 μL of Nano-Glo® Luciferase Assay Substrate (white cap) with 49 μL of Nano-Glo® Luciferase Assay Buffer (yellow cap)
2. Centrifuge 500 μL of broth culture and remove the supernatant
3. Resuspend the pellet in reaction solution
4. Visualize in a dark area

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