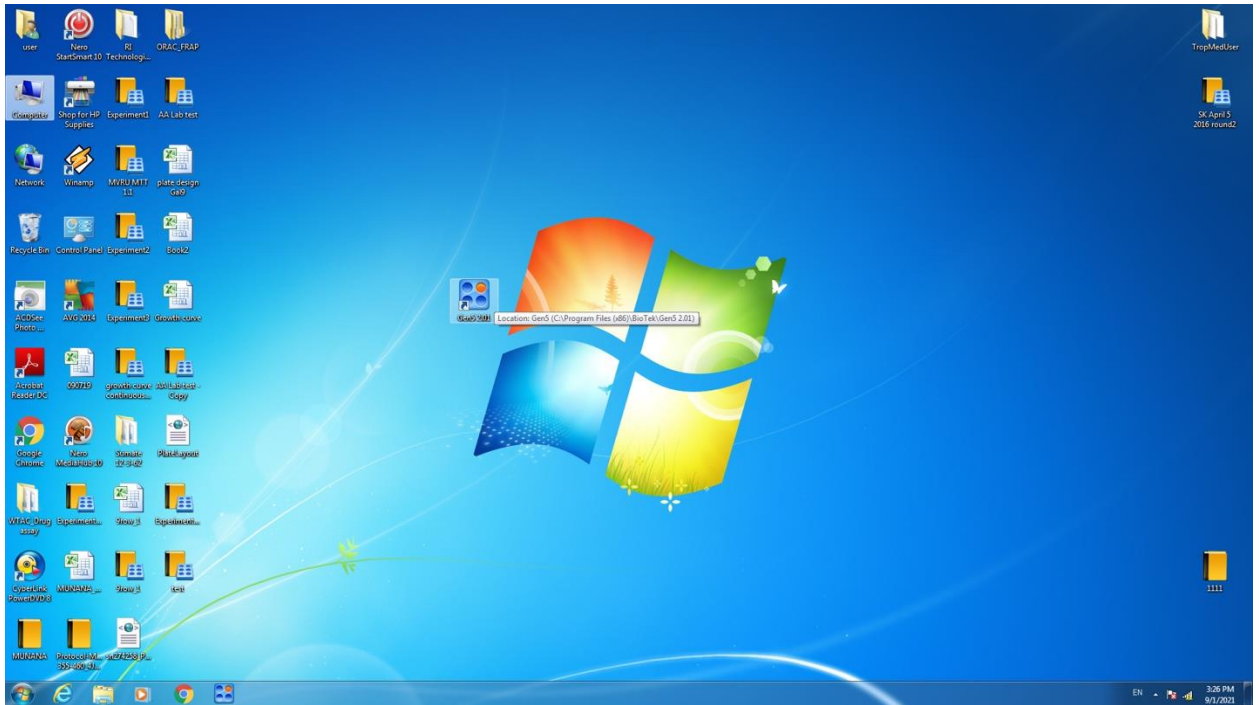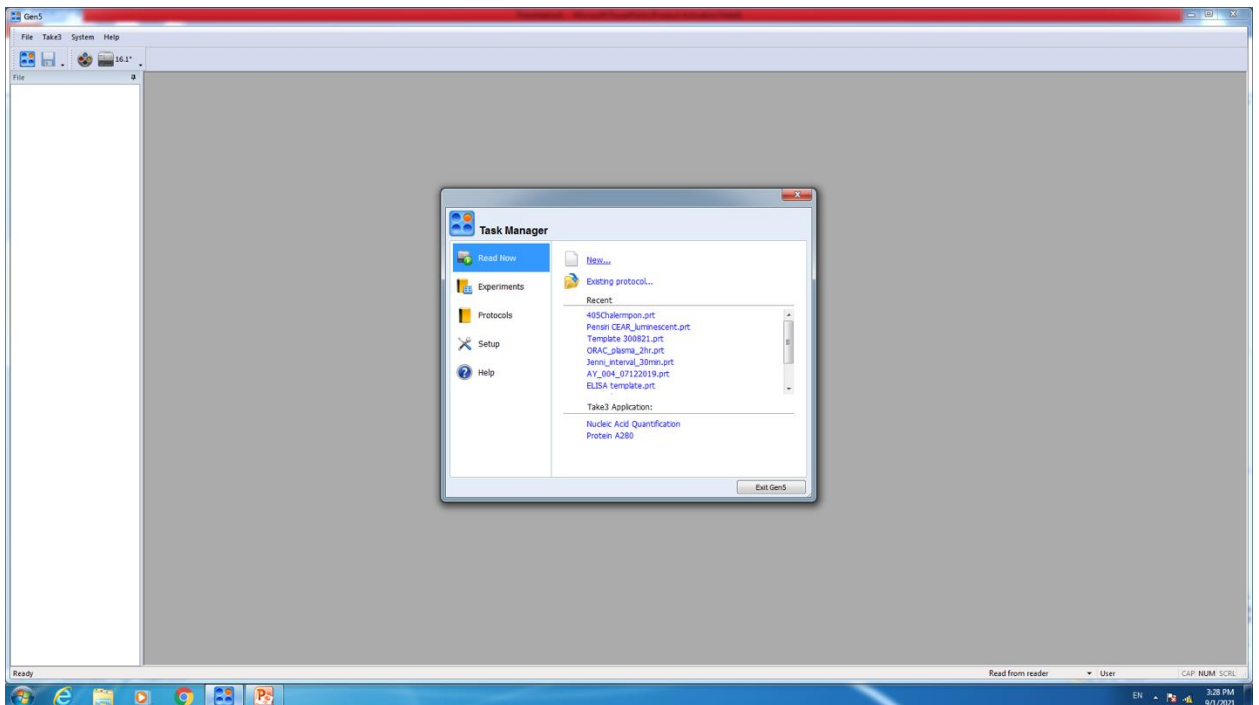## SUPPLEMENTAL MATERIAL S2
Guidelines for GEN5 APPLICATION FOR ELISA PLATE READING
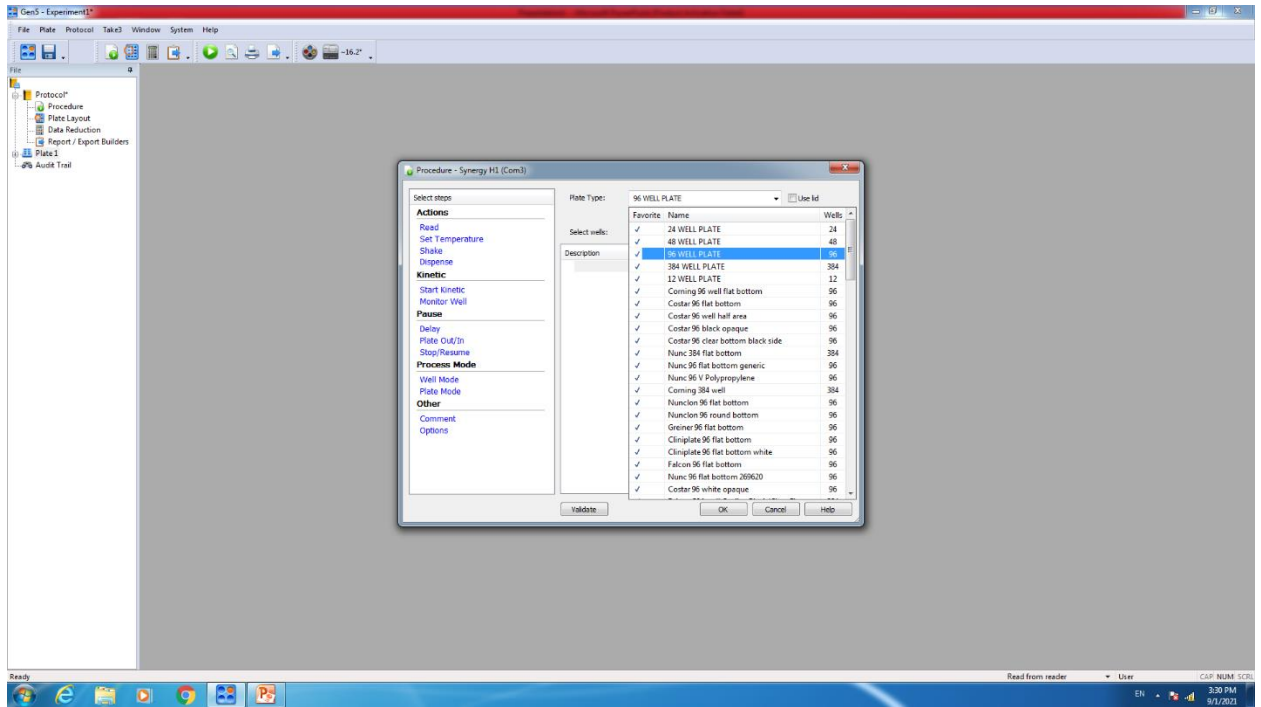
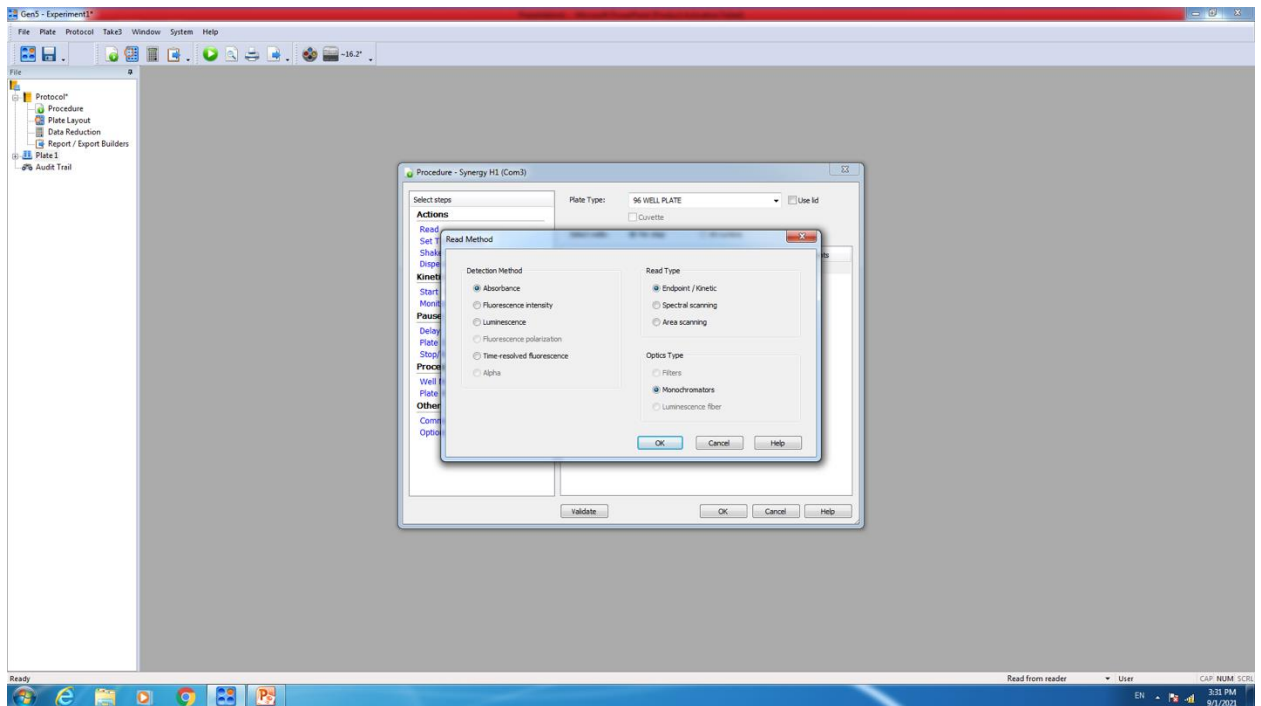1. Open the **Gen5** program.

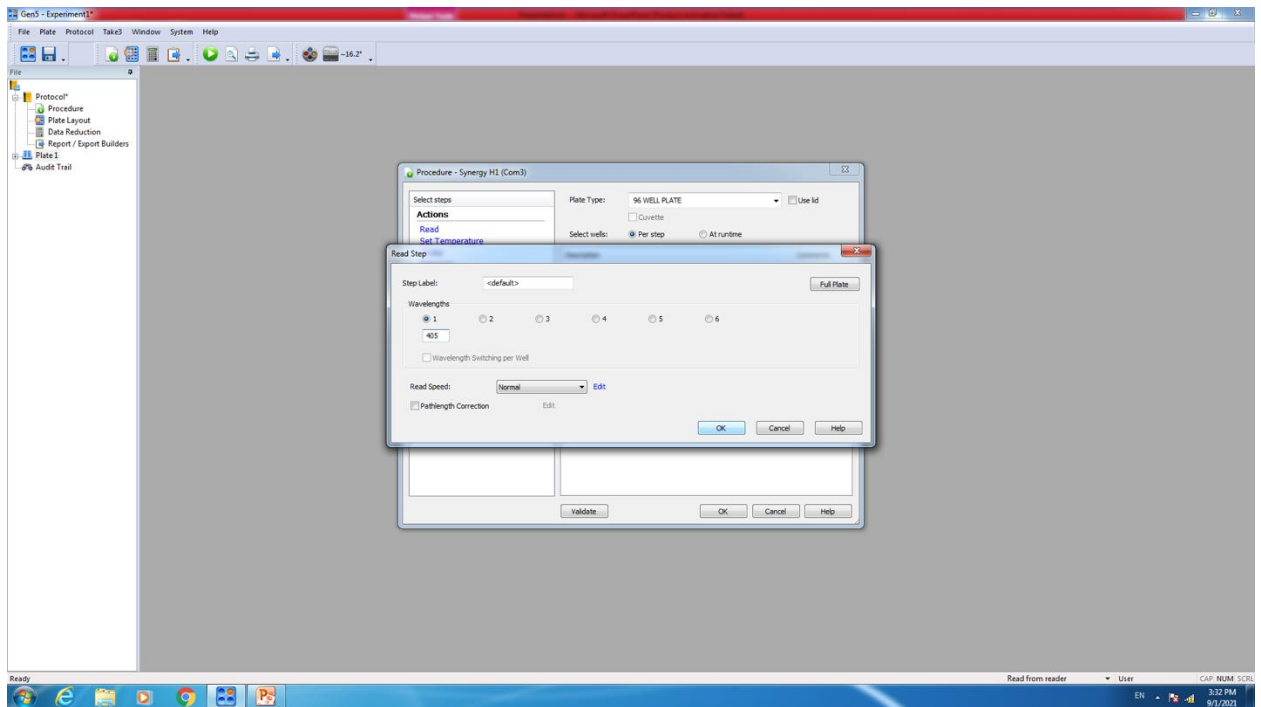2. Create a new protocol.

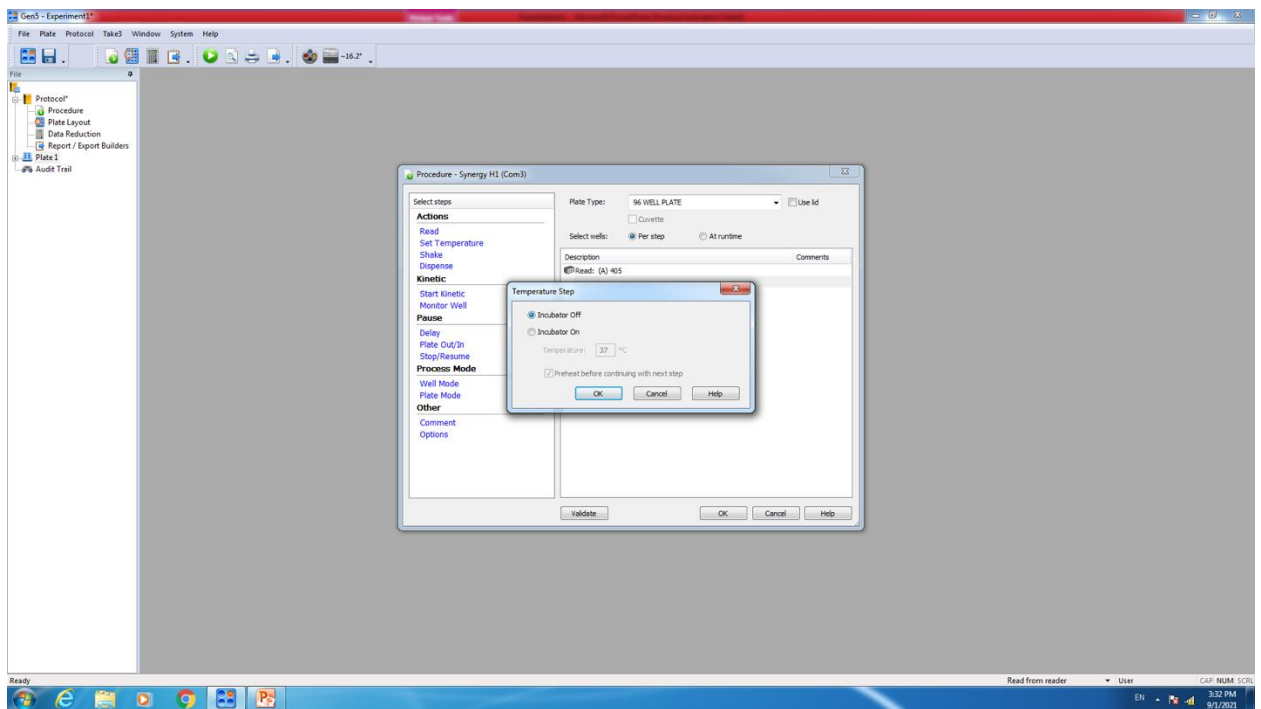3. Select the plate type as **96 WELL PLATE**.

4. Click **Read** to set the Detection Method to **Absorbance**. Select **Endpoint/Kinetic** for **Read Type** and **Monochromators** for **Optics Types**.
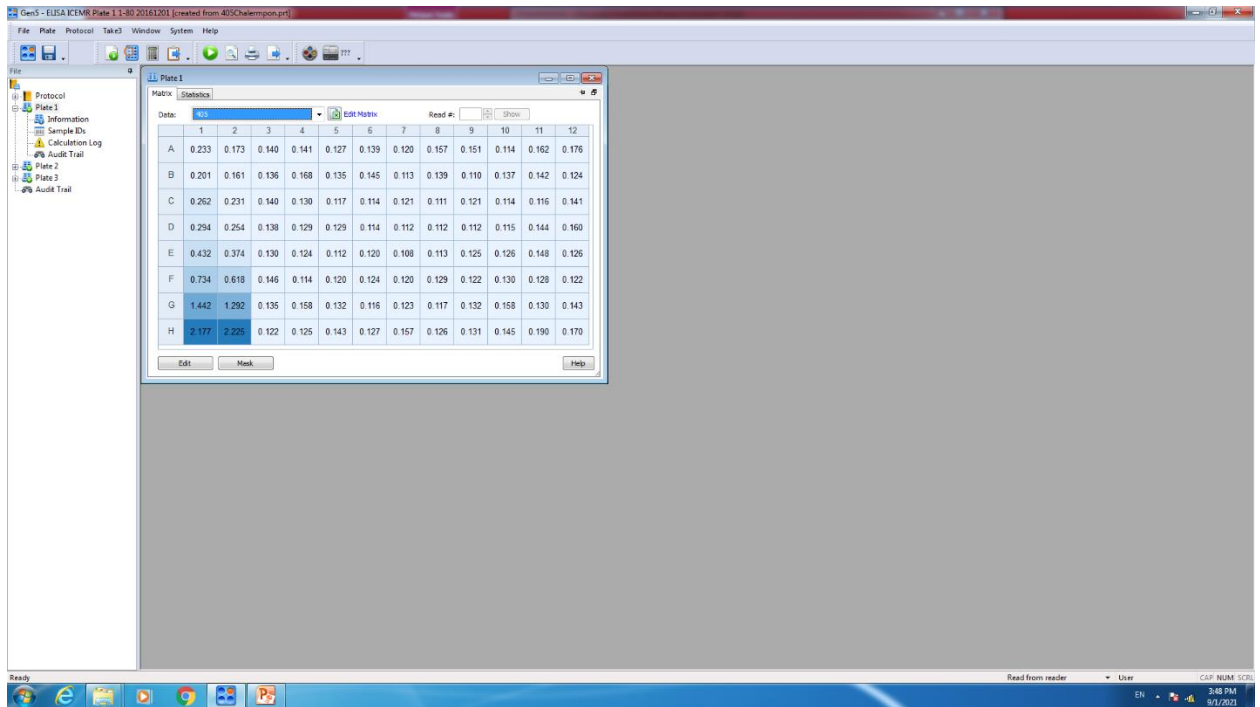
5. Set Wavelength to **405 nm**.

6. Set **Temperature Step** to **Incubator Off**.

7. Set **Shake Mode** in **Shake Step** to **Linear**.

8. Click **Ok** to open the plate layout.

9. Place the reaction plate in the chamber of the plate reader.

10. Click **read** icon (Green play button) to read the absorbance

11. Export the absorbance data as a spreadsheet for analysis.