

# Using the Biomate 5 Spectrophotometer

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## Abstract

Please contact Dr. Steven Wilhelm (wilhelm@utk.edu) for additional information regarding this protocol.

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## Protocol

### Step 1.

Turn on the spectrophotometer and allow to warm up for 10 min

### Step 2.

On the home menu, use the arrow keys to highlight the desired "test name" (e.g., dsDNA+, scan noise) and select enter

### Step 3.

Load position 1 with the blank, and the remaining cells with your sample.

### Step 4.

Hit "Run"

### Step 5.

The program will ask you to confirm if you are running the samples

### Step 6.

Hit "Run" again

### Step 7.

The program will automatically set the baseline absorbance with the blank, and then report the absorbance for each of the samples.

### Step 8.

Take a picture of the absorbance profiles.