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## Using the Biomate 5 Spectrophotometer

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## Abstract

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



- 1 Turn on the spectrophotometer and allow to warm up for 10 min  
 00:10:00
- 2 On the home menu, use the arrow keys to highlight the desired "test name" (e.g., dsDNA+, scan noise) and select enter
- 3 Load position 1 with the blank, and the remaining cells with your sample.
- 4 Hit "Run"
- 5 The program will ask you to confirm if you are running the samples
- 6 Hit "Run" again
- 7 The program will automatically set the baseline absorbance with the blank, and then report the absorbance for each of the samples.
- 8 Take a picture of the absorbance profiles.