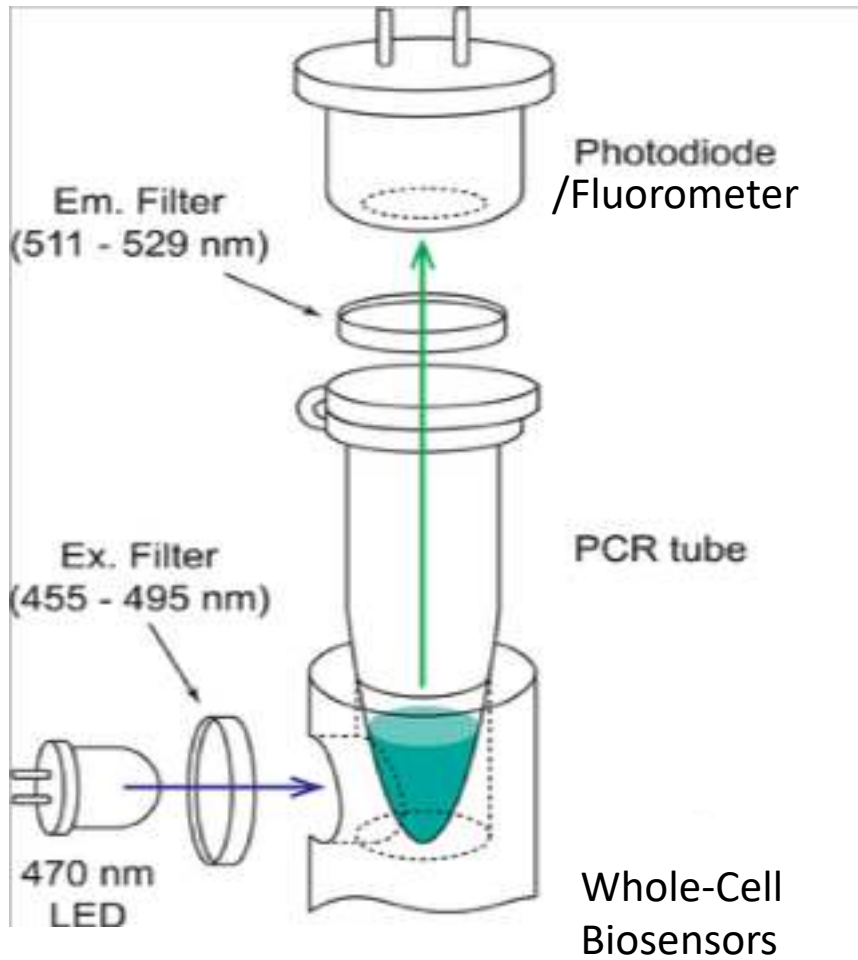
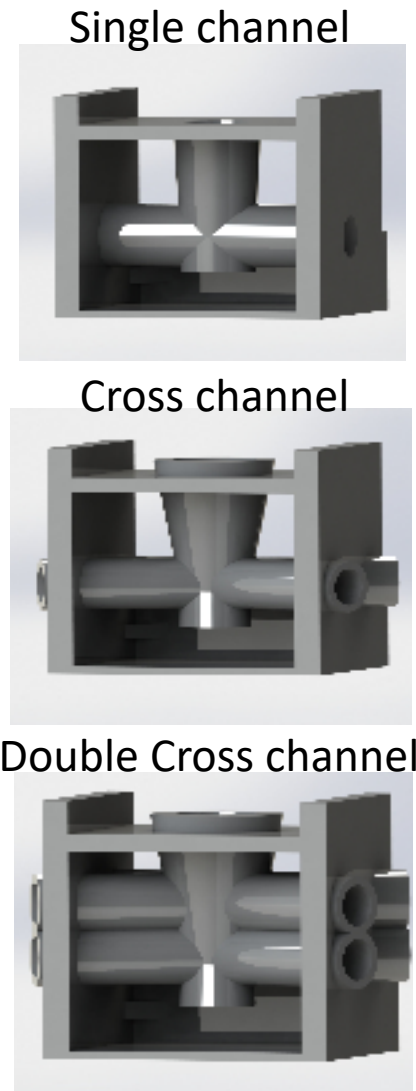


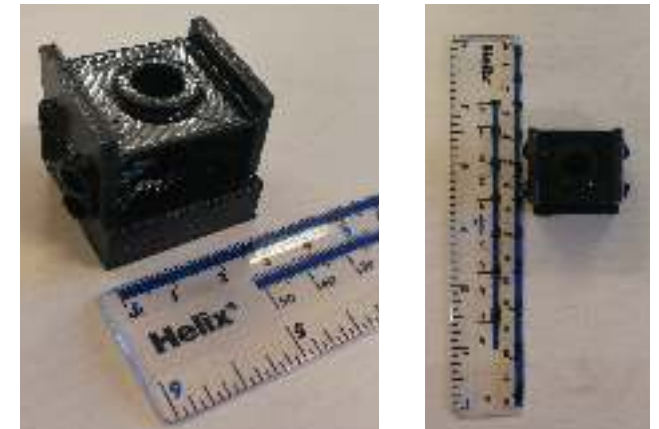
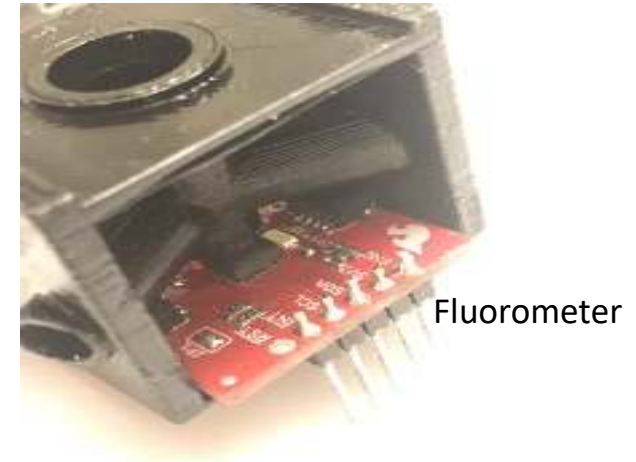
Figure 1. Design of imaging chamber.



Design principle of our miniaturized spectrophotometer.



Different designs of imaging chambers.



Position of fluorometer and dimension of imaging chamber.

Figure 2. Prototype of Spectre Zero.

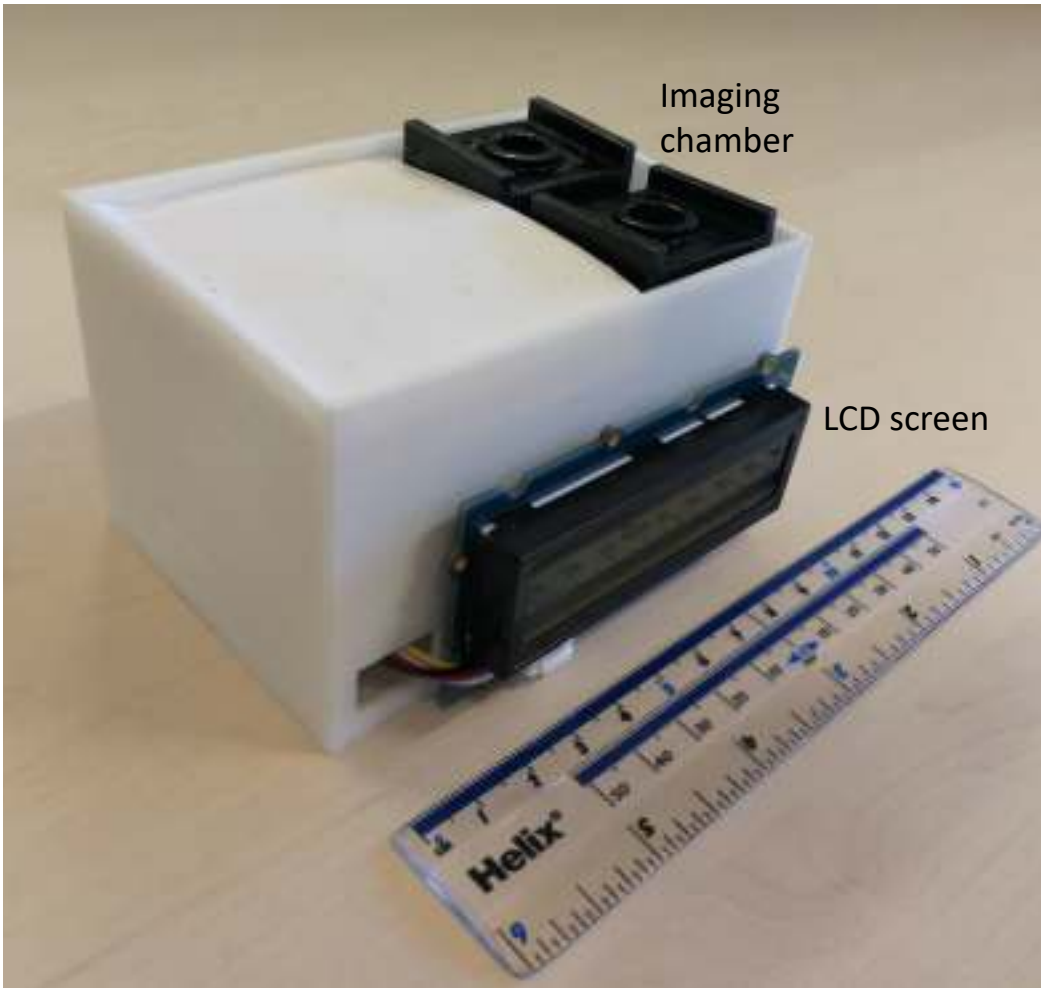


Figure 3. Prototype of Spectre Plus.

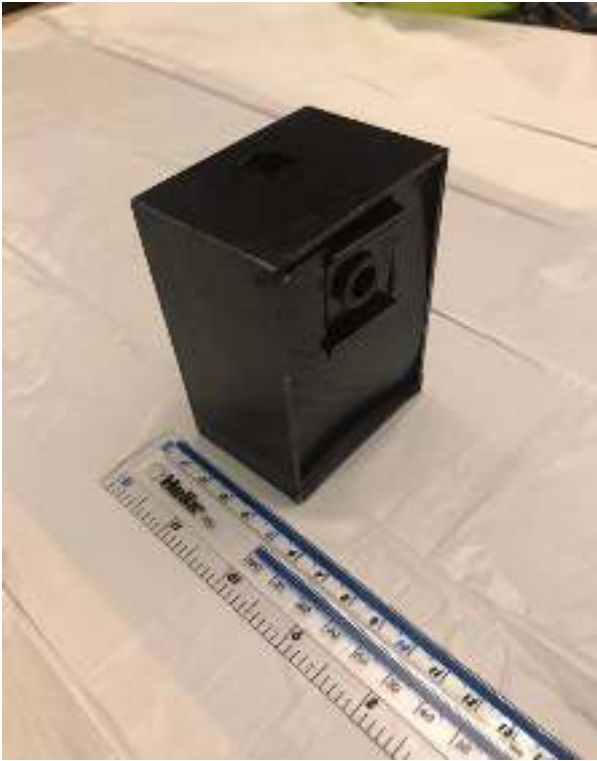
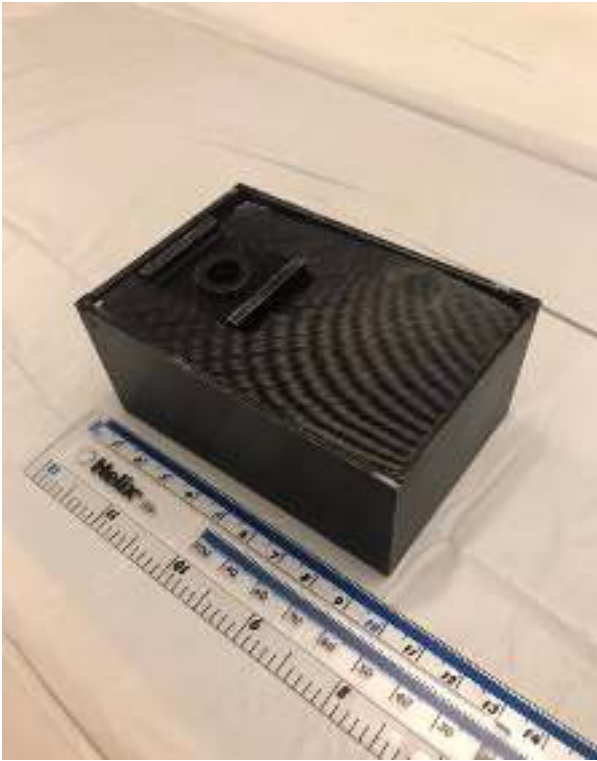


Figure 4. Concept of Spectre Ultra.

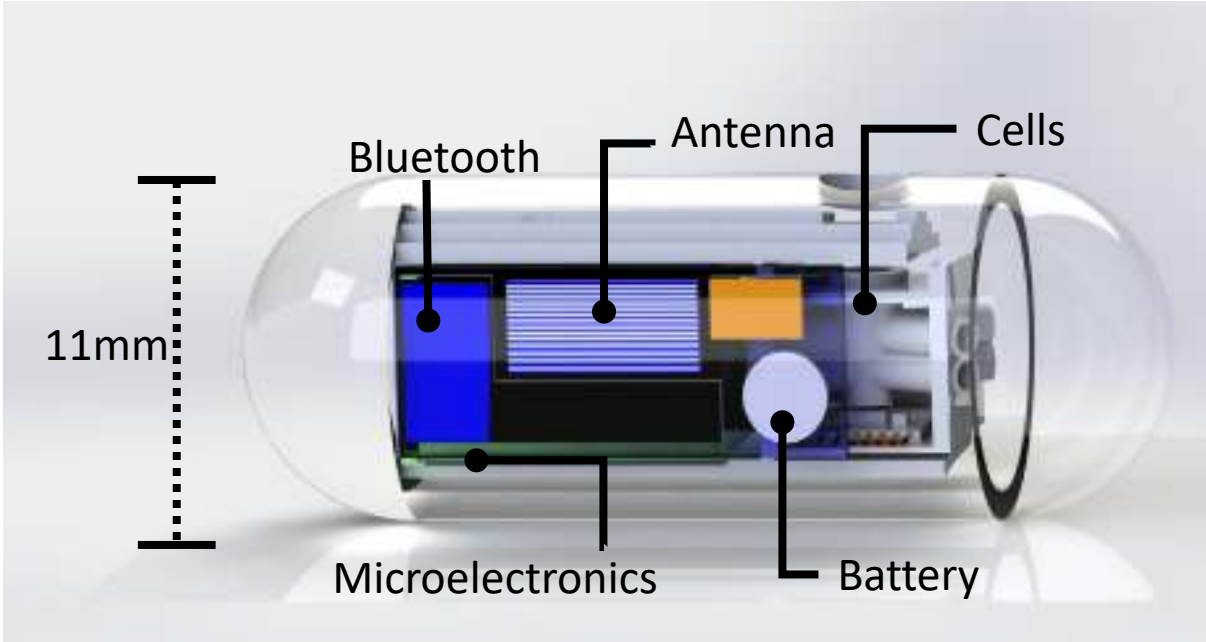
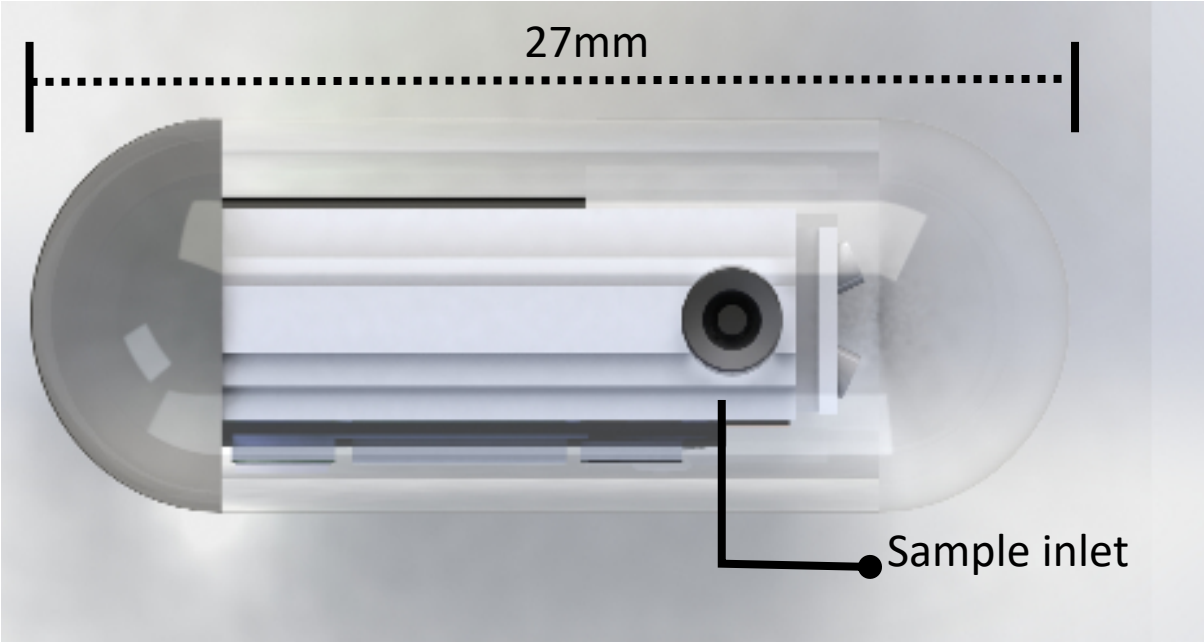
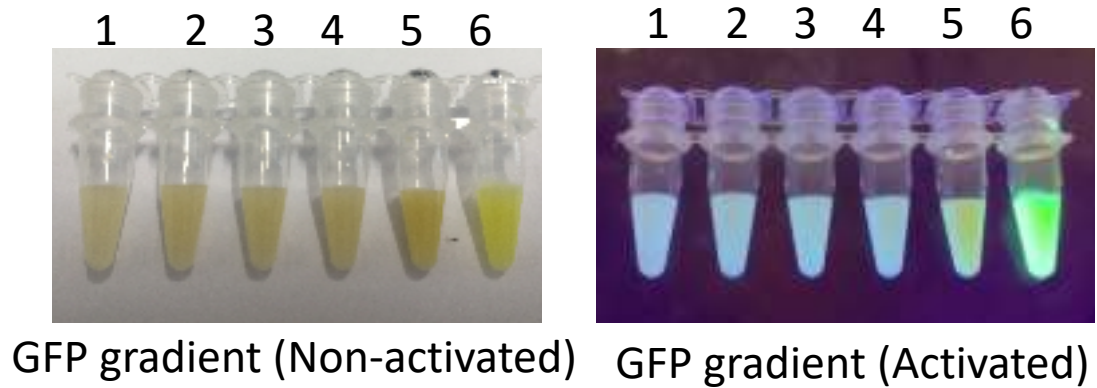
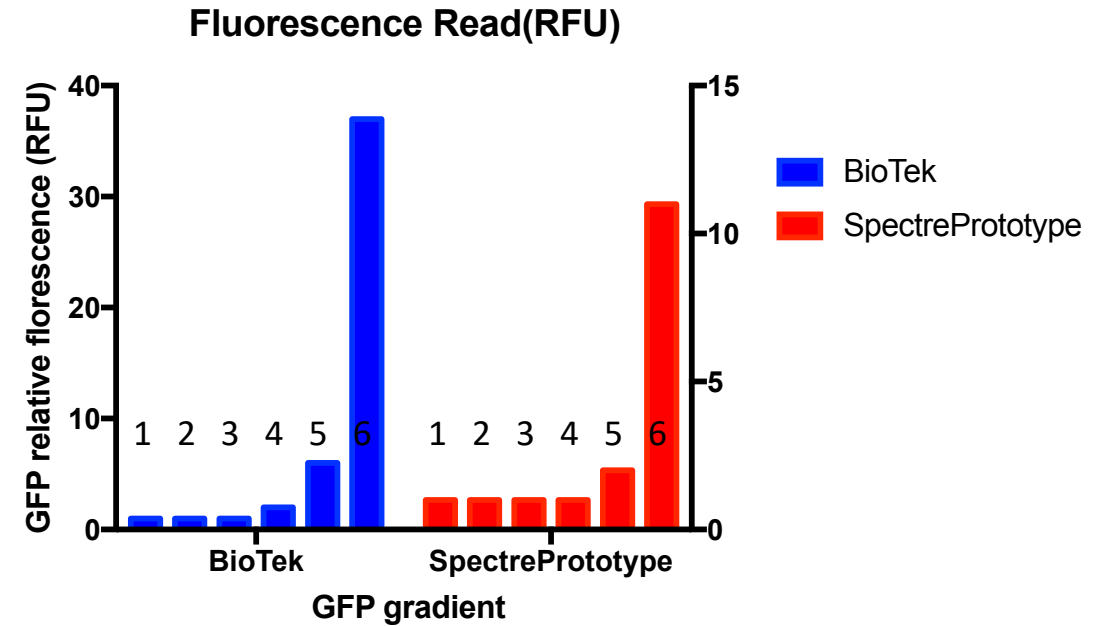


Figure 5. Performance of Spectre Prototype.



Six bacteria engineered with a green fluorescent protein gradient.



Comparison of Spectre Prototype to a high-end plate reader BioTek Cytation V.