

Supplementary material

Complementary figures

The following figure presents complementary information cited in the manuscript.

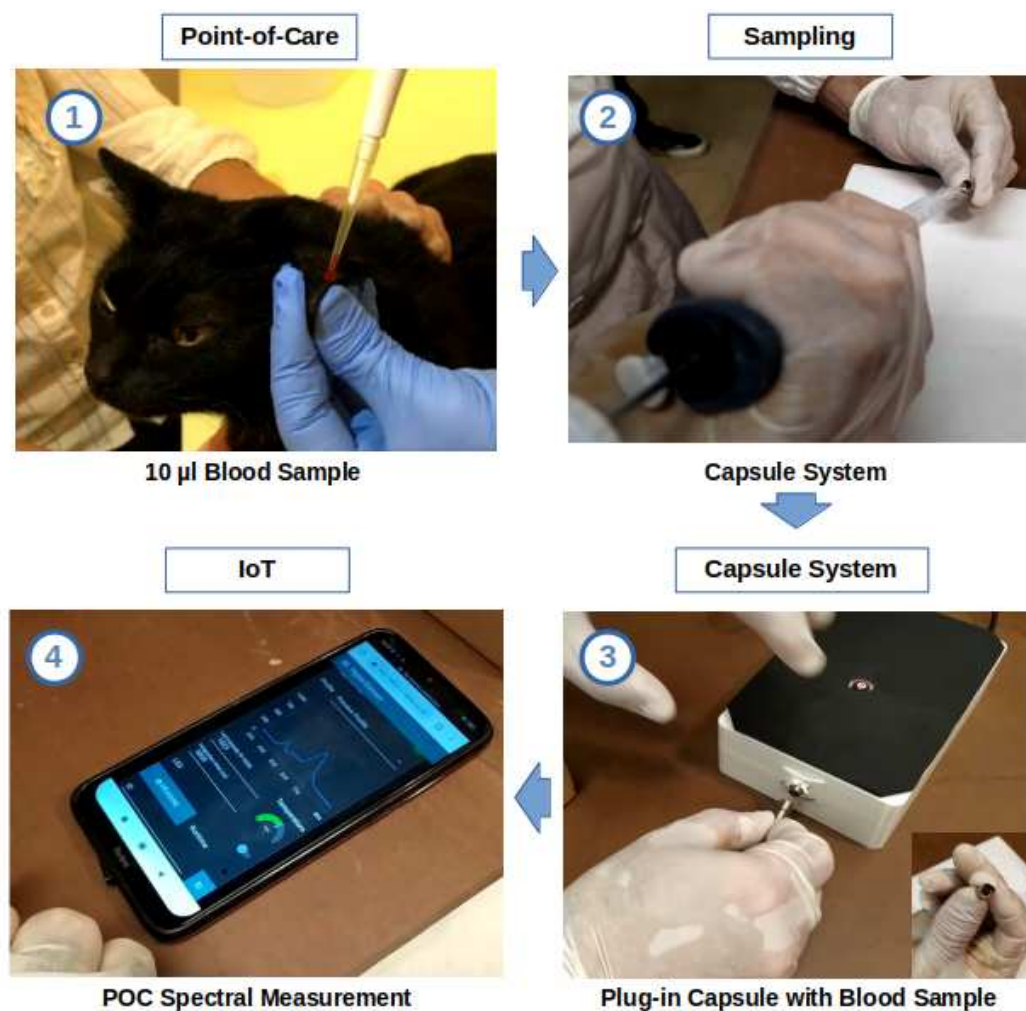


Figure S1. Spectral POC for Cat blood analysis: (1) withdrawal of 10µL of blood from ear lobe; (2) Injecting blood sample into capsule system; (3) plug-in the capsule into the POC probe; and (4) using IoT software to control POC measurement and record spectra for WBC calculation.

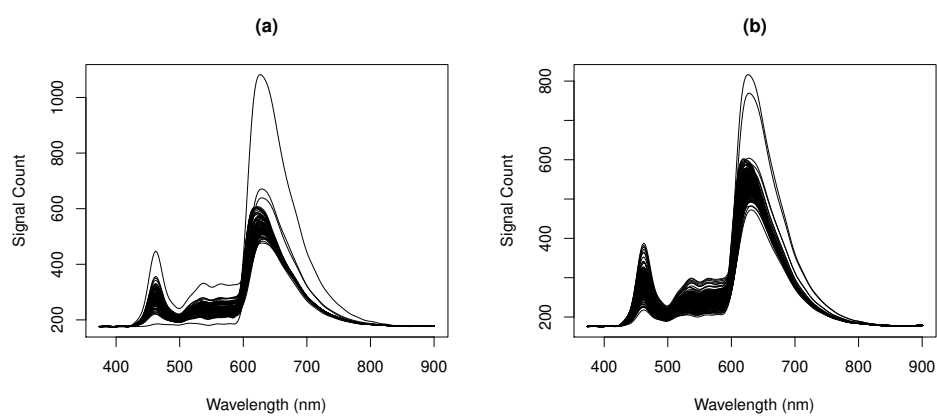


Figure S2. Cat blood spectra: (a) real-world samples and (b) sythetic samples obtained by mixture of two samples spectra.