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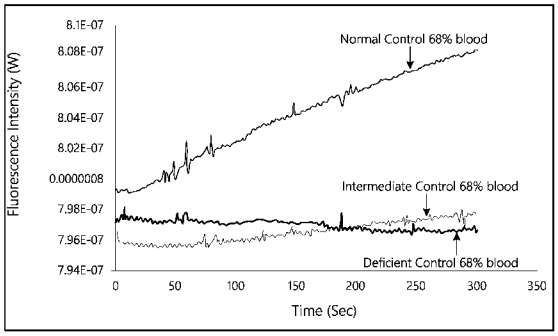


FIG. 5

(57) Abstract: Methods and compositions for the detection of glucose-6-phosphate dehydrogenase (G6PD) enzyme activity in blood samples are described. Some embodiments disclosed herein provide methods for detecting G6PD activity in undiluted or minimally diluted blood samples, including obtaining a blood sample, and detecting G6PD activity present in the undiluted or minimally diluted blood sample by epifluorescence. Also provided are methods for detecting G6PD activity and detecting a bloodborne microorganism as two parts of a single test.

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