Supplementary Information Bacterial Detection and Identification from Human Synovial Fluids on an Integrated Microfluidic System

Ting-Hang Liu¹, Shu-Shen Cheng², Huey-Ling You², Mel S. Lee^{3**}, and Gwo-Bin

Lee^{1, 4, 5*}

¹Department of Power Mechanical Engineering, National Tsing Hua University,

Hsinchu, Taiwan

²Department of Laboratory Medicine, Kaohsiung Chang Gung Memorial Hospital,

Kaohsiung, Taiwan

³Department of Orthopaedic Surgery, Kaohsiung Chang Gung Memorial Hospital,

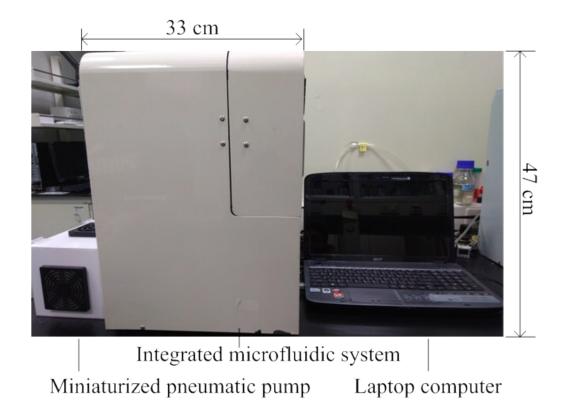
Kaohsiung, Taiwan

⁴Institute of Biomedical Engineering, National Tsing Hua University, Hsinchu,

Taiwan

⁵Institute of NanoEngineering and Microsystems, National Tsing Hua University,

Hsinchu, Taiwan



Supplementary Fig. 1. The experimental setup of the integrated microfluidic system