



S11 Fig. Storage stability of Bst-LF cellular reagents at elevated temperatures. Amplification efficiencies of lyophilized cellular reagents expressing Bst-LF DNA polymerase were tested in LAMP-OSD assays using indicated template copies. LAMP amplicon accumulation was measured in real-time using fluorogenic OSD probes. Amplification curves obtained with either 60,000 (full traces labeled “(+)” or 0 (dashed traces labeled “(-)”) copies of *gapd* templates are depicted. Amplification curves were generated using the “Abs quant” analysis protocol in the LightCycler 96 software. Bst-LF cellular reagents were either tested immediately after lyophilization (black traces labeled “Same day”) or after storage with desiccants for 21 days at 25 °C (green traces labeled “25 C”), 37 °C (pink traces labeled “37 C”), or 42 °C (blue traces labeled “42 C”).