

Abstract

SYSTEMS AND METHODS FOR BIOLOGICAL ANALYSIS

A biological analysis system is provided. The system comprises a sample block assembly. The sample block assembly comprises a sample block configured to accommodate a sample holder, the sample holder configured to receive a plurality of samples. The system also comprises a control system configured to cycle the plurality of samples through a series of temperatures. The system further comprises an automated tray comprising a slide assembly, the tray configured to reversibly slide the sample block assembly from a closed to an open position to allow user access to the plurality of sample holders.

Fig. 4