

## ABSTRACT

The present disclosure relates to a system for the extraction of macromolecules comprising: one or more incubators, the incubators for culturing a biological sample to provide a base sample for screening for the detection of the macromolecule; a sample operating system, the sample operating system for performing predetermined operations on the biological sample cultured in the incubator; a sample detection platform, the sample detection platform for detecting the biological sample for screening; and a transfer platform, the transfer platform for transferring the biological samples between the incubator and the sample operating system and/or between the sample operating system and the sample detection platform. The system according to the present disclosure not only quantitatively increases the throughput of extraction of macromolecules while quantitatively reducing the number of operators, but also greatly improves the stability, homogeneity, and reproducibility of the process by standardizing operations.

Fig. 1