

AUTOMATED SYSTEM FOR SAMPLE PREPARATION AND ANALYSIS

ABSTRACT

A sample preparation and analysis system. The system 10 includes a sample preparation system 12 and a sample analysis system 14. The sample preparation system 12 prepares samples in accordance with an assay that is selected from a database containing a plurality of unique assays. The sample analysis system 14 includes an analyzer 110 that is dynamically reconfigurable based on the selected assay so as to analyze the prepared sample in accordance with that selected assay. A data communication link 115a communicates data from the sample preparation system 12 to the sample analysis system 14 to reconfigure the analyzer 110 in accordance with the selected assay.

Figure 3c