

APOLLO 200™ HUMAN IDENTITY TESTING SYSTEM – INITIAL PERFORMANCE RESULTS ON VARIOUS SAMPLE TYPES

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The ideal solution to meet the requirements of modern human identification is an automated, DNA-based human identification system that processes samples rapidly and at low cost.

IntegenX™ Inc. will describe the Apollo 200™ Human Identity Detection System. The Apollo200 is the first fully automated sample-to-answer system for STR based HID. The system is based on integration of the company's proprietary and patented technologies as well as its rapid in-house microfluidic chip prototyping. Reagents that are self contained in disposable cartridges are loaded on the system with up to four samples, the sample analysis is initiated and a CODIS compatible profile is ready in less than two hours with no further user interaction.

The Apollo 200 integrates the entire sample handling steps starting from buccal swab(s) or blood, through cell lysis, DNA extraction, amplification, separation, and detection. Further, the system uses rapid PCR, on-board capillary electrophoresis, and integrated laser induced fluorescence detection. Initial data from testing conducted by NIST and IntegenX partners will be shown.

**Apollo 200™ is a trademark of IntegenX Inc.