

MICHIGAN STATE POLICE

Forensic Science Division



Customer Bulletin – March 24, 2025

Rapid DNA analysis is the fully automated process of developing a DNA profile acceptable for entry into the Combined DNA Index System (CODIS) from a reference sample without the need for human interaction or intervention. Rapid DNA instruments were originally designed for operation in booking stations to immediately enroll qualifying arrestees in CODIS to expedite the search of an arrestee against unsolved crimes within 24 hours.

Rapid DNA is not currently approved for use on crime scene samples for enrollment and/or search in CODIS, however, revisions to the FBI Quality Assurance Guidelines, effective July 1, 2025, will expand the use of this technology to forensic crime scene samples. Rapid DNA for forensic crime scene samples is a semi-automated process of developing DNA profiles from a casework reference or crime scene sample. Crime scene samples often contain mixtures of DNA from more than one person which is why this process will still involve interpretation of the resulting data by a trained scientist.

If you would like to know more about Rapid DNA, it's different applications, and the status of the technology for the State of Michigan, please consult with the Michigan State Police as the state CODIS participating laboratory. Questions can be directed to the following:

- Forensic Applications –
Ms. Katherine Merideth, DNA Technical Leader meridethk@michigan.gov/
- Booking Stations –
Mr. Scott Bruski, CODIS State Administrator bruskis@michigan.gov/