

FBI approves Qiagen ForenSeq Mainstay workflow for NDIS

August 2023—Qiagen announced that the U.S. Federal Bureau of Investigation has approved its ForenSeq Mainstay workflow, allowing accredited forensic DNA laboratories to process DNA casework samples and search resulting profiles against the U.S. National DNA Index System CODIS database. The ForenSeq Mainstay workflow is composed of the high-throughput Verogen ForenSeq Mainstay kit, MiSeq FGx next-generation sequencing system, and ForenSeq Mainstay analysis module in the Universal Analysis software.

The workflow targets 52 forensically relevant autosomal and Y-STR DNA markers that support identity confirmation and familial searching. When used in combination with the ForenSeq Kintelligence workflow, it supports end-to-end forensic investigative genetic genealogy from lead generation to identity verification.

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