

Sole Source Justification:
QIAGEN EZ1 DNA Investigator Kit (48)
Part Number 952034



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The QIAGEN EZ1 DNA Investigator Kit (48) Part Number 952034 is the consumable kit required for extraction of genomic DNA from forensic sample types on the QIAGEN BioRobot EZ1. The QIAGEN EZ1 Kit chemistry is the **only** chemistry that can operate on the QIAGEN BioRobot EZ1 Nucleic Acid Extraction System. QIAGEN is the sole manufacturer and distributor of EZ1 Kit chemistry. The QIAGEN EZ1 DNA Investigator Kit (48) has been proven to provide the required results for downstream applications of quantitative PCR and STR profiling for the purpose of casework processing and uploading data to the CODIS and NDIS reference database. The following are the requirements of the lab which the QIAGEN EZ1 DNA Investigator Kit (48) Part Number 952034 has met:

Sample Types:	Liquid blood, dried blood spots, buccal swabs, saliva on cards, hair, tissue, fingernails, feces, clothing, cigarette butts, differential extractions (epithelial and sperm cells), mouth washes, and DNA clean up from organic extractions.
Kit Elution Volume:	Selectable, 40, 50, 100, 200 uL
Kit Must Include:	All chemistry for extraction of genomic DNA, sample tubes, elution tubes, filter tips for the BioRobot EZ1, filter tip holders for the BioRobot EZ1.
Chemistry Type:	Magnetic Bead encased in silica, required for use with QIAGEN BioRobot EZ1
Required Yield:	Trace analysis to reference samples, ng to ug levels of DNA
DNA Quality:	Does not cause real time PCR or STR inhibition, demonstrated in the lab.
Compatibility:	Kit must work with the QIAGEN BioRobot EZ1 Nucleic Acid Extraction System, DNA Investigator Card and Protocols, and existing EZ1 DNA extraction sample preparation protocols already validated by other forensic labs.

**Accessory buffers for the QIAGEN EZ1 DNA Investigator system
provided exclusively by QIAGEN:**

Buffer MTL (54/60), G
Catalog# 1023430

Buffer G2 (260/250), KG
Catalog# 1014363

Proteinase K (10)
Catalog# 19133

Trademarks: QIAGEN®, EZ1 DNA Investigator®, BioRobot EZ1® (QIAGEN Group).

The EZ1 System and QIAGEN kits are intended for research use only. Prior to using it for other purposes, the user must validate the system in compliance with the applicable law, directives, and regulations. The PCR process is covered by the foreign counterparts of U.S. Patents Nos. 4,683,202 and 4,683,195 owned by F. Hoffmann-La Roche Ltd.

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Buffer ATL (200)
Catalog # 19076

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QIAGEN EZ1 Advanced XL DNA Investigator Protocol Card (Part Number 9019933)

The QIAGEN EZ1 Advanced XL DNA Investigator Protocol Card (Part Number 9019933) is a proprietary protocol software card required for extraction of genomic DNA from forensic sample types on the QIAGEN BioRobot EZ1 using the QIAGEN EZ1 DNA Investigator Kit (48). The QIAGEN EZ1 Advanced XL DNA Investigator Protocol Card (Part Number 9019933) is the **only** protocol card that can operate on the QIAGEN BioRobot EZ1 Nucleic Acid Extraction System using the EZ1 DNA Investigator Kit (48).

QIAGEN is the sole provider of the EZ1 DNA Investigator Kit and Protocol Card.

QIAGEN Representative:

Signed:

Mary Jones Dukes, M.S.
Applied Testing, Sales Development Manager

Trademarks: QIAGEN®, EZ1 DNA Investigator®, BioRobot EZ1® (QIAGEN Group).

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