



Designation: ~~E1492-05~~ Designation: E1492 - 11

Standard Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory¹

This standard is issued under the fixed designation E1492; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

~~1.1 This practice describes procedures and techniques for protecting and documenting the integrity of items of physical evidence with respect to suitability for scientific testing, and admissibility as evidence in criminal or civil litigation.~~

1.1 This practice describes procedures and techniques for a forensic science laboratory to protect and document the integrity of items of physical evidence with respect to suitability for scientific testing, and admissibility as evidence in litigation.

1.2 This practice recommends generally accepted professional principles and operations, although the facts and issues of each situation require consideration, and frequently involve matters not expressly dealt with herein. Deviations from this practice should be based on specific articulable circumstances.

1.3 This practice offers a set of instructions for performing one or more specific operations. This standard cannot replace knowledge, skill or ability acquired through appropriate education, training, and experience and should be used in conjunction with sound professional judgment.

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents

2.1 *ASTM Standards:*²

E860 [Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation](#)

E1188 [Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator](#)

E1459 [Guide for Physical Evidence Labeling and Related Documentation](#)

3. Significance and Use

3.1 Prior to being presented in court, a foundation must be established showing how evidence was collected, who collected the evidence, where it was collected, who has had custody of the evidence, how the evidence has been processed, and when changes of custody have occurred.

~~3.2 If the procedures outlined in this practice are followed, the chain of custody with respect to the evidence while it is in the custody of the forensic laboratory will be protected.~~

3.2 Following the procedures outlined in this practice can serve to protect the chain of custody of the evidence while the evidence is at the forensic laboratory. Refer to Practice E1188 for chain of custody information and procedures prior to submission to the laboratory.

4. Procedure

4.1 ~~Identifying the Evidence~~ Receiving and Identifying the Evidence:

4.1.1 When evidence from a particular incident is first brought to the laboratory, assign it a unique numeric or alphanumeric laboratory case number, and use that case number to identify when identifying the submitted evidence and as well as all subsequent items of evidence submitted to the laboratory from the same incident or case. Laboratory numbering may adopt similar case numbers to those assigned by field investigators, consistent with Practice E1459.

~~4.1.1.1 Record case numbers in a permanent laboratory record along with the following information: case number, date the case~~

¹ This practice is under the jurisdiction of ASTM Committee E30 on Forensic Sciences and is the direct responsibility of Subcommittee E30.11 on Interdisciplinary Forensic Science Standards.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.