



Designation: E 1532 – 9300

Standard Practice for Indirect Detection Detection of Mycoplasma Contamination of Cell Cultures by DNA Binding with Use of the Bisbenzamide DNA-Binding Fluorochrome Stain¹

This standard is issued under the fixed designation E 1532; 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 covers ~~procedures used for the detection use of cell cultures and DNA-binding fluorochrome techniques to detect mycoplasma contamination by DNA staining of cell cultures.~~

1.2 This practice does not cover ~~axenic cultivation methods for the detection of mycoplasma or other methods such as biochemical detection, hybridization methodology, histo-chemical stains, or immunochemical methods.~~

~~1.3 This practice does not cover methods for the identification of mycoplasma organisms.~~

~~1.4 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.~~

~~1.5 mycoplasmas.~~

1.3 This standard does not purport to address all of the safety ~~problems, 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:*

¹ This practice is under the jurisdiction of ASTM Committee E-48 on Biotechnology and is the direct responsibility of Subcommittee E48.02 on Characterization and Identification of Biological Systems.

Current edition approved ~~March 15, 1993. Published May 10, 2000. Published June 2000. Originally published as E 1532 – 93. Last previous edition E 1532 – 93.~~