

ISO 20776-1:2006-11 (E)

Clinical laboratory testing and in vitro diagnostic test systems - Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices - Part 1: Reference method for testing the in vitro activity of antimicrobial agents against rapidly growing aerobic bacteria involved in infectious diseases

| Contents | | Page |
|---|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Terms and definitions | 1 |
| 3 | Test procedures | 4 |
| 3.1 | General | 4 |
| 3.2 | Medium | 4 |
| 3.3 | Antimicrobial agents | 4 |
| 3.4 | Preparation of inoculum | 9 |
| 3.5 | Inoculation of microdilution trays | 10 |
| 3.6 | Incubation of microdilution trays | 10 |
| 3.7 | Reading results | 10 |
| 3.8 | Special test situations where the MIC result might give unreliable results | 10 |
| 4 | Quality control | 11 |
| Annex A (normative) Requirements for Mueller-Hinton broth | | 16 |
| Bibliography | | 18 |