

Contents

General Information 95
 Cervical or Endocervical Specimens 96
 Genital Smears for Herpes 100
 Urethral and Penile Specimens 101
 Collection Times 43-101
 Respiratory Specimens 103
 Collection Procedures 45
 Specimen Transport 50
 General Information 101
 Specimen Processing: General 51
 Specimen Processing: Molecular 52
 Lower Respiratory Tract Specimens 55
 Nasal Specimens 57
 Preface ix
 Acknowledgments xi
 About the Authors xii
 How To Use This Book xiii

SECTION I

Communicating Laboratory Needs 1

Basic Issues 3
 Selecting a Representative Specimen 8
 Requisitions 11
 Specimen Packaging and Transport 13
 Color-Coded Vacuum Tubes 23
 Catheters Often Used in Medical Procedures 23
 Specimen Priority 26
 Specimen Rejection Criteria 30
 Rejection Statements or Addenda to Laboratory Reports 34
 Specialty Testing 36
 Environmental Samples 37
 Hand Wash Specimens 39
 Laboratory Reports 40

SECTION II

Specimen Management Policies and Rationale 41

- Collection Times 43
- Collection Procedures 45
- Specimen Transport 50
- Specimen Processing: General 51
- Specimen Processing: Molecular 53
- Lower Respiratory Tract Specimens 55
- Urine Specimens 57
- Wound Specimens 58
- Spinal Fluid Specimens 59
- Throat and Nasopharyngeal Specimens 60
- Vaginal and Endometrial Specimens 61
- Miscellaneous Specimens 64

SECTION III

Specimen Collection and Processing 65

Body Fluid Specimens 67

- Abdominal-Peritoneal Fluid (Paracentesis, Ascites) 67
- Blood Specimens 69
- Cerebrospinal Fluid 73
- Pleural-Thoracentesis Fluid 75

Gastrointestinal Specimens 77

- Duodenal Contents 77
- Gastric Contents 81
- Pinworm Eggs Collected by Adhesive Tape Preparation 83
- Rectal and Anal Swab Specimens 86
- Sigmoidoscopy Specimens for Amebiasis 88
- Stool or Feces for Culture or Parasitology Studies 89
- Stool Specimen Collection Directions 93

Preface	Genital Specimens 95
	General Information 95
	Cervical or Endocervical Specimens 98
	Genital Smears for Herpes 100
	Urethral and Penile Specimens 101
	Respiratory Specimens 103
	General Information 103
	Bronchoscopy-Bronchial Washing 105
	Nasal Specimens 108
	Nasopharyngeal Specimens 110
	Sputum 113
	Tracheal Aspirate 115
	Transtracheal Aspirate 116
	Throat Specimens 117
	Urine Specimens 119
	General Information 119
	Urine from Catheters 120
	Clean-Catch Urine 122
	Cystoscopic Specimens: Bilateral Urethral Catheterization 125
	Suprapubic Aspirate for Urine Cultures 126
	Urine Specimens: Bladder Washout 128
	Urine Specimens: Ileal Conduit 129
	Viruses, Chlamydiae, Rickettsiae, and Fungi 131
	<i>Chlamydia</i> Culture 131
	Specimens for <i>Mycoplasma</i> and <i>Ureaplasma</i> spp. 133
	Fungal Specimens 134
	Rickettsial Specimens 136
	Viral Specimens 137

Wound Specimens 141

General Information 141

Ear (Otitis Media) Specimens 143

Eye Specimens 146

Skin and Contiguous Tissue Specimens 150

SECTION IV

Specimen Management Summary Tables 153

Bacteriology and Mycology Specimen Collection Guidelines 155

Specimen Management for Infrequently Encountered
Organisms 174

Specimen Guide for Virus Isolation 176

Virology Specimen Collection Guidelines 178

Parasitology: Anatomic Sites Containing Diagnostic Stages 184

Parasitology Specimen Collection Guidelines 186

References 193

Index 199