

Preface to the Eighth Edition ix

Preface to the First Edition xi

Acknowledgments xiii

I

1	Introduction to Normal Values (Reference Ranges)	3
2	Critical Values	26

II

3	Core Blood Analytes: Alterations by Diseases	33
4	Urine	88

III

5	Cardiovascular Diseases	113
6	Respiratory Diseases	144
7	Gastrointestinal Diseases	171
8	Hepatobiliary Diseases and Diseases of the Pancreas	220
9	Central and Peripheral Nervous System Disorders	303
10	Musculoskeletal and Joint Diseases	337
11	Hematology	368
12	Metabolic and Hereditary Disorders	553
13	Endocrine Diseases	650
14	Genitourinary Diseases	797
15	Infectious Diseases	880
16	Autoimmune and Miscellaneous Diseases	1032
17	Disorders Due to Physical and Chemical Agents	1063
18	Therapeutic Drug Monitoring and Drug Effects	1092
19	Body Substances	1106

Appendices	
Appendix A: Abbreviations and Acronyms	1117
Appendix B: Conversion Factors between Conventional and Système International Units	1123
Appendix C: Summary of Causes of and Diagnostic Tests for Spurious Laboratory Results	1132

Index 1139