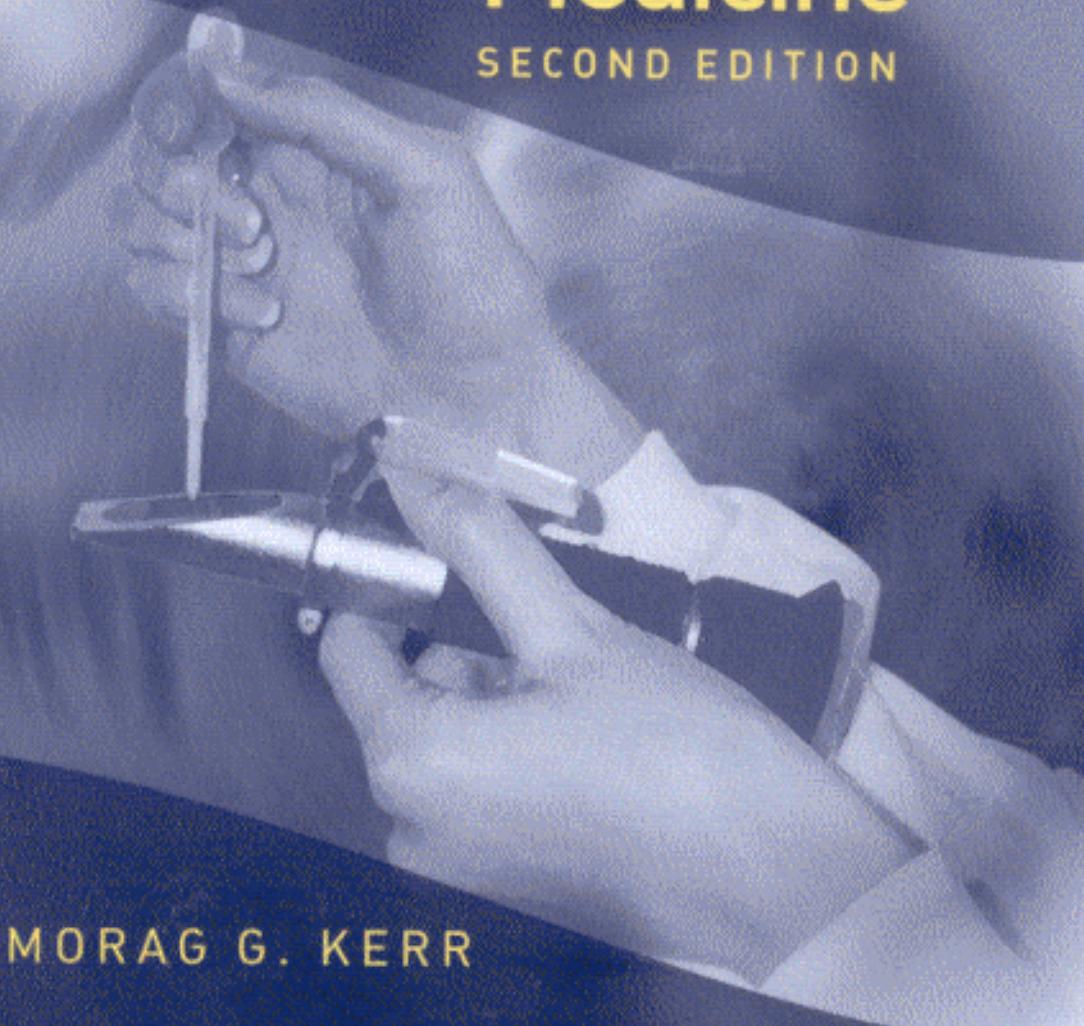


# Veterinary Laboratory Medicine

SECOND EDITION



MORAG G. KERR

*b*

Blackwell  
Science

# **Contents**

Introduction, vii

## **Part I: Haematology**

- 1 The Red Blood Cells (Erythrocytes), 3
- 2 The Platelets (Thrombocytes) and the Coagulation Factors, 35
- 3 The White Blood Cells (Leucocytes), 49

## **Part II: Clinical Biochemistry**

- Introduction to Clinical Biochemistry, 69
- 4 The Plasma Proteins, 73
- 5 The Electrolytes, 81
- 6 The Minerals, 91
- 7 The Nitrogenous Substances, 101
- 8 Carbohydrate Metabolism, 111
- 9 Bilirubin and Fat Metabolism, 127
- 10 Clinical Enzymology – Plasma Enzymes in Diagnosis, 135
- 11 Diagnostic Endocrinology, 149
- 12 Non-blood Body Fluids, 169
- 13 Feline Virus Testing, 181

## **Part III: Systematic Investigation**

- 14 Investigation on an Individual Organ Basis, 199
- 15 Diagnostic Profiling and Pattern Recognition, 209

## **Part IV: Practical Laboratory Medicine**

- 16 Sample Collection and Use of External Laboratories, 243
- 17 Side-room Testing in the Veterinary Practice, 275
- 18 The 'Practice Laboratory', 307

**Suggested Further Reading, 355**

**Index, 357**