
Contents

Preface	v
Contributors	ix
1 The Complement System: <i>An Overview</i>	1
B. Paul Morgan	
2 Purification of Complement Components, Regulators, and Receptors by Classical Methods	15
Carmen W. van den Berg	
3 Immunoaffinity Methods for Purification of Complement Components and Regulators	53
B. Paul Morgan	
4 Measurement of Complement Hemolytic Activity, Generation of Complement-Depleted Sera, and Production of Hemolytic Intermediates	61
B. Paul Morgan	
5 Measurement of Complement Lysis of Nucleated Cells	73
O. Brad Spiller	
6 Functional Assays for Complement Regulators	83
Claire L. Harris	
7 Immunochemical Measurement of Complement Components and Activation Products	103
Reinhard Würzner	
8 Complement Deposition in Tissues	113
Antti Väkevä and Seppo Meri	
9 Complement Regulators and Receptors in Tissues	123
Juha Hakulinen and Seppo Meri	
10 Measurement of C3 Fragment Deposition on Cells	131
O. Brad Spiller	
11 Screening for Complement Deficiency	139
Ann Orren	
12 C1-Inhibitor: <i>Antigenic and Functional Analysis</i>	159
C. Erik Hack	

13	Autoantibodies to Complement Components	173
	Kevin A. Davies and Peter Norsworthy	
14	Allotyping of Complement Components	193
	Reinhard Würzner	
15	Complement and Immune Complexes	203
	Julian T. Nash and Kevin A. Davies	
16	Knocking Out Complement Genes	215
	Anne E. Bygrave and Marina Botto	
17	Inherited Complement Deficiencies in Animals	229
	Stuart Linton	
Appendices		
	Suppliers	249
	Sources of C Components and Anti-C Antibodies	258
	cDNA Accession Numbers for C Components, Regulators, and Receptors	260
	Index	263



<http://www.springer.com/978-0-89603-654-3>

Complement Methods and Protocols

Morgan, B.P. (Ed.)

2000, IX, 259 p., Hardcover

ISBN: 978-0-89603-654-3

A product of Humana Press