

INSTRUCTIONS FOR USE

HUMAN COMPLEMENT C9 'NL' BINDARID™

For Research Use Only-Not For Use in Diagnostic Procedures

PRODUCT CODE: RN028.1 & RN028.3

These instructions relate to the use of the C9 'NL' RID Kit and should be read in conjunction with the General Instructions booklet.

A CONTENTS

1. 1 Radial immunodiffusion plate for RN028.1
3 Radial immunodiffusion plates for RN028.3
2. 8 x Gel dividers
3. 3 x Lyophilised calibrators
4. 1 x Lyophilised control
5. 1 x 5mL 7% BSA
6. 1 x 5mL Distilled water
7. General Instructions Booklet
8. Specific Instructions Leaflet

B THE ANTIGEN

C9 is a 72 kD alpha-2 globulin which combines with C5b, C6, C7 and C8 to complete the formation of the membrane attack complex, which mediates lytic activity. Although lysis can occur without C9, it is greatly enhanced in its presence.

C PRACTICAL DETAILS

1. Recommended sample fluid: Human Serum.
2. Minimum diffusion time for Procedure THREE : 18h
3. Minimum diffusion time for completion : 72h
(procedures ONE or TWO)
4. High calibrator ring diameter at completion: 9mm
5. Recommended sample dilution : Neat
6. Recommended calibrator/sample volume : 5µL

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**RID Reference Table for Human Complement C9 'NL'
Concentration of C9 in mg/L**

Diameter of Ring	Concn.
4.0mm	42.3
4.1	48.0
4.2	53.8
4.3	59.8
4.4	65.9
4.5	72.2
4.6	78.6
4.7	85.1
4.8	91.8
4.9	98.7
5.0	106
5.1	113
5.2	120
5.3	127
5.4	135
5.5	143
5.6	150
5.7	158
5.8	166
5.9	175
6.0	183
6.1	192
6.2	200
6.3	209
6.4	218
6.5	227
6.6	236
6.7	246
6.8	255
6.9	265
7.0	275
7.1	285
7.2	295
7.3	305
7.4	315
7.5	326
7.6	336
7.7	347
7.8	358
7.9	369
8.0	380
8.1	392
8.2	403
8.3	415
8.4	426
8.5	438
8.6	450
8.7	463
8.8	475
8.9	487
9.0	500
9.1	513
9.2	526
9.3	539
9.4	552
9.5	565
9.6	579
9.7	592
9.8	606
9.9	620
10.0	634
10.1	648
10.2	662
10.3	677
10.4	692
10.5	706
10.6	721
10.7	736
10.8	751
10.9	766
11.0	782

Note: The above values assume that test samples are applied undiluted in 5µL volumes.