

Table 7-2. Sensitivity of Some Methods for Measuring Antibody-Antigen Reactions

Method	Sensitivity (μg antibody N/ml)
Quantitative precipitin	4–10
Simple agar diffusion	5–10
Bacterial agglutination	0.01
Bactericidal	0.0001–0.001
Hemagglutination	0.003–0.006
Hemolysis	0.001–0.03
Complement fixation	0.1
Toxin neutralization	0.01
Passive systemic anaphylaxis (guinea pig)	30
Uterine muscle in vitro	0.01
Passive cutaneous anaphylaxis	0.003
Radioimmunoassay	<0.001

Adapted from Humphrey JH, White RG: Immunology for Students of Medicine, 2nd ed. Oxford, Blackwell, 1963, p201.