

Protective Antibody Levels with Vaccination

Levels of antibody associated with protection from vaccine-preventable diseases

Vaccine	Protective level of IgG antibody \geq :
Diphtheria	0.1 International Units per milliliter (IU/mL) ¹¹
Haemophilus influenzae b	0.15 micrograms per milliliter ($\mu\text{g/mL}$) ²⁹
Hepatitis A	10 milli-International Units per milliliter (mIU/mL) ³⁰
Hepatitis B Surface Antibody	10 milli-International Units per milliliter (mIU/mL) ³¹
Measles (Rubeola)	120 Plaque reduction neutralization (PRN) titer ³²
Polio (Inactivated)	1:8 Neutralizing antibody titer ³³
Rabies	0.5 International Units virus-neutralizing antibodies per milliliter (IU VNA/mL) ³⁴
Rubella	10 International Units per milliliter (IU/mL) ⁸⁰
Tetanus	0.1 International Units per milliliter (IU/mL) ¹¹
Yellow fever	0.7 International Units per milliliter (IU/mL) ²⁹

Adapted from : Kelso, J. and J. Li, *Adverse reaction to vaccines*. Annals of Allergy, Asthma, & Immunology, 2009. **103**(4 Supplement 2): p. 14.