

Measles Postexposure Prophylaxis (PEP)

For individuals who are **NOT** pregnant or immunocompromised

Age Group	Immune Status	Time Since Exposure	Recommended PEP	Home Quarantine Recommendations
All ages (≥ 6 months)	Documented immunity	Any time	PEP not indicated. Has documented immunity (2 MMR doses, IgG positive, or lab confirmation of disease).	None
<6 months	Nonimmune (because of age)	0–6 days	Immune Globulin Intramuscular (IGIM) 0.5ml/kg IM (max dose= 15mL)	Quarantine for 28 days after last exposure
		>6 days	PEP not indicated (too late)	Quarantine for 21 days after last exposure
6–11 months	Nonimmune	0–3 days (≤72 hours)	MMR vaccine (preferred)	No quarantine if MMR given
		4–6 days	Immune Globulin Intramuscular (IGIM) 0.5ml/kg IM (max dose= 15 mL)	Quarantine for 28 days after last exposure
		>6 days	PEP not indicated (too late)	Quarantine for 21 days after last exposure
≥12 months	Nonimmune (0 MMR doses or IgG negative)	0–3 days (≤72 hours)	MMR vaccine	No quarantine if MMR given
		>3 days	PEP not typically indicated ¹	Quarantine for 21 days, then give MMR for future immunity
	1 dose of MMR	Any time	Give 2 nd MMR vaccine dose if ≥28 days from 1 st dose	No quarantine needed (person had 1 dose when exposed)

For individuals who **ARE** pregnant or immunocompromised

Health Status	Age Group	Immune Status	Time Since Exposure	Recommended PEP	Home Quarantine Recommendations
Severely Immunocompromised	All Ages	Will need IG regardless of immune status	0–6 days	Immune Globulin Intravenous (IGIV) 400 mg/kg IV (intravenously)	Quarantine for 28 days after last exposure
			>6 days	PEP not indicated (too late)	Quarantine for 21 days after last exposure
Pregnant	N/A	Immune	Any time	PEP not indicated has documented immunity	None
		Nonimmune	0–6 days	Immune Globulin Intravenous (IGIV) 400 mg/kg IV (intravenously)	Quarantine for 28 days after last exposure
			>6 days	PEP not indicated (too late)	Quarantine for 21 days after last exposure

Adapted from: [Measles | Red Book: 2024–2027 Report of the Committee on Infectious Diseases | Red Book Online | American Academy of Pediatrics](#) and [pep-measles-providers.pdf](#)

¹ IGIM can be given to other persons (eg, ≥12 months of age) who do not have evidence of measles immunity, but priority should be given to persons exposed in settings with intense, prolonged, close contact (eg, household, childcare, classroom).