

Live vs. Killed Vaccines

Live vaccines	Killed vaccines
Bacille Calmette-Guerin (BCG)	Diphtheria, tetanus, acellular pertussis (DTaP, Tdap)
Influenza (intranasal)	Diphtheria-tetanus (DT, Td)
Measles-mumps-rubella (MMR)	Hepatitis A
Oral poliovirus (OPV)	Hepatitis B
Rotavirus	Hib conjugates
Typhoid (oral)	Human papillomavirus (HPV)
Vaccinia (smallpox)	Inactivated poliovirus (IPV)
Varicella	Influenza (injectable)
Yellow fever	Japanese encephalitis
Zoster	Meningococcal
	Meningococcal conjugate
	Pneumococcal
	Pneumococcal conjugate
	Rabies
	Typhoid (injectable)

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