

	LIVE ATTENUATED VACCINES	INACTIVATED VACCINES
Overall comments	More effective	Less effective
Diseases	Measles, Mumps, Rubella	(1)
Ways to produce	1st way: (2) virus related to the real pathogen 2nd way: • weaken the virus in (3) • purify the vaccination solution • (4) the vaccine orally or by injection	A pathogenic virus → rendered to harmless, or (5) (with chemicals, heat, radiation)
Effectiveness	Attenuated virus → strong immune response → more (6)(2 words) Produce more (7) Potent	→ weaker immune system response
Doses	One or two doses	Several additional doses ((8))
Problems	Lower level of safety Virus (9) back to original virulent form → cause true (10)	Safer Dead viruses can't mutate
Recommended for	Not for people with compromised immune system (11) women)	