

	LIVE ATTENUATED VACCINES	INACTIVATED VACCINES
Overall comments	More effective	Less effective
Diseases	Measles, Mumps, Rubella	(1)
Ways to produce	<p>1st way: (2) virus related to the real pathogen</p> <p>2nd way:</p> <ul style="list-style-type: none"> • weaken the virus in (3) • purify the vaccination solution • (4) the vaccine orally or by injection 	<p>A pathogenic virus → rendered to harmless, or (5) (with chemicals, heat, radiation)</p>
Effectiveness	<p>Attenuated virus → strong immune response → more (6)(2 words)</p> <p>Produce more (7) Potent</p>	<p>→ weaker immune system response</p>
Doses	One or two doses	Several additional doses ((8))
Problems	<p>Lower level of safety</p> <p>Virus (9) back to original virulent form → cause true (10)</p>	<p>Safer</p> <p>Dead viruses can't mutate</p>
Recommended for	Not for people with compromised immune system (11) women)	