

FMD vaccine types

	Conventional inactivated vaccines	Emergency vaccines	Viral subunits and synthetic peptides	DNA vaccines and recombinant viral vectors	Bio-engineered Attenuated Virus
Immunogenicity	High	High	Limited	Potentially High	High
Thermal stability	Low	Low	High	High(DNA) Low(Viral vectors)	Not studied
Safety In production	Limited	Limited	High	Not studied	Not studied
Duration of immunity	Limited	Improved	Not studied	Not studied	Not studied
Spectrum of protection	Limited	Improved	Not studied	Not studied	Not studied
Differentiation of infection and vaccination	Limited	Limited	Good	Good	Potentially Good
Drawbacks	Dangerous to produce	Dangerous to produce	Limited numbers of epitopes	Limited numbers of epitopes in case of VP1	Reversion to virulence