

Vaccine preparation comparison chart

COVID-19, Influenza, Measles-Mumps-Rubella (MMR)

Item	COVID-19	Influenza	Measles, Mumps & Rubella (MMR)
Funded brand name	Comirnaty	Afluria Quad Junior/ Afluria Quad	Priorix
Vaccine type	mRNA	Inactivated	Live
Preparation	Requires dilution	Ready to use	Requires reconstitution (diluent & powder)
Alcohol swabbing bung	Yes	N/A	No, unless contaminated
Diluent supplied	No	N/A	Yes
Mixing	Invert vial 10x before and after dilution	Shake prior to administering	Gently swirl after diluent added
Syringe supplied	No	Pre-filled syringe	Yes - pre-filled with diluent only
Vial	Multidose vial - concentrated vaccine liquid	N/A	Single dose - vaccine powder
Air bubbles	Avoid, ensuring accuracy of dose	Keep bubble- dose pre-measured	Expel excess air prior to attaching new needle
Needle	Same low dead space (LDS) needle used for drawing up and administering	Pre-attached to syringe	Needle discarded after drawing up reconstituted vaccine, new needle for administering
Labelling	Fill in the label (supplied with vaccine) and attach to needle guard	Pre-labelled (Peel-off)	Pre-labelled syringe and vial, ensure vial is kept with syringe (Peel-off)
Time out of cold chain (at room temperature)	6hrs at +2 to +30°C	Use immediately	Use immediately
Document	CIR	CIR	NIR

CALL 0800 IMMUNE (466 863) for clinical advice