

Which COVID-19 vaccine?

Spikevax XFG 50 micrograms/dose  moderna	Comirnaty 30 XFG 30 micrograms/dose  Pfizer BIONTECH	Comirnaty 10 XFG 10 micrograms/dose  Pfizer BIONTECH	BIMERVAX LP.8.1 40 micrograms/dose  HIPRA
Dose 0.5ml (50 micrograms) by intramuscular injection	Dose 0.3ml (30 micrograms) by intramuscular injection	Dose 0.3ml (10 micrograms) by intramuscular injection	Dose 0.5ml (40 micrograms) by intramuscular injection
Age From 18 years	Age 12 to 17 years	Age 6 months to 11 years	Age Follow Green Book and NHS guidance
Number of doses per unit 5 (vial)	Number of doses per unit 1 (prefilled syringe)	Number of doses per unit 1 (vial)	Number of doses per unit 1 (vial)
Dilution required? No: ready to use	Dilution required? No: ready to use	Dilution required? No: ready to use once thawed	Dilution required? No: ready to use.
Refrigerated storage Thawed and unopened: up to 30 days at +2°C to +8°C	Refrigerated storage 12 months at +2°C to +8°C	Refrigerated storage Thawed and unopened: up to 10 weeks at +2°C to +8°C	Refrigerated storage Up to 12 months at +2°C to +8°C
Room temperature stability Unopened vials may be stored for up to 24 hours up to +25°C	Room temperature stability Unopened prefilled syringes may be stored for up to 12 hours at temperatures up to +30°C	Room temperature stability Unopened vials may be stored for up to 12 hours at temperatures up to +30°C	Room temperature stability Unopened vials may be stored (in the outer carton) for up to 24 (continuous) hours at temperatures up to +25°C
Stability after first puncture* May be stored between +2°C and +25°C; use within 6 hours	Stability after first puncture* N/A	Stability after first puncture* May be stored between +2°C and +30°C; use within 12 hours	Stability after first puncture* N/A
Appearance A white to off-white dispersion	Appearance A white to off-white dispersion	Appearance Prior to mixing: the thawed dispersion may contain white to off-white opaque amorphous particles After mixing: clear to slightly opalescent dispersion with no particulates visible	Appearance White and homogeneous emulsion

All products except BIMERVAX contain Polyethylene Glycol (PEG); BIMERVAX contains Polysorbate 80.

*Use as soon as possible to minimise the risk of microbial contamination. All vaccines should be used in accordance with Green Book and NHS England operational guidance.

Resources: Green Book COVID-19 chapter: gov.uk/government/publications/covid-19-the-green-book-chapter-14a • **GOV.UK COVID-19 vaccination programme:** gov.uk/government/collections/covid-19-vaccination-programme