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Malaria vaccines indicator

Logistics (feasibility)

Cold chain volume required per vaccine dose (in cm3)

RTS,S/AS01 carton of two-dose vial sets: 9.92 cm^3 per dose.

R21/Matrix-M carton of two-dose vial: 7.03 cm3 per dose.

R21/Matrix-M carton of one-dose vial : 14.06 cm^3 per dose. 1, 2

Sources

1.

Detailed malaria vaccines comparison table

2.

TechNet-21 (2025). Guide for introducing a malaria vaccine into national immunization programmes – final draft (https://www.technet-21.org/en/resources/guidance/guide-for-introducing-a-malaria-vaccine-into-national-immunization-programmes, accessed 13 May 2026).