

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 cm³ 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 cm³ 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).