

To: [redacted] 5.1.2e [redacted] 5.1.2e [redacted] 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl; [redacted] 5.1.2e [redacted] 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl; [redacted] 5.1.2e
 Cc: [redacted] 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl; [redacted] 5.1.2e [redacted] 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl; [redacted] 5.1.2e [redacted] 5.1.2e [redacted] 5.1.2e [redacted] @rivm.nl
 From: [redacted] 5.1.2e [redacted] 5.1.2e
 Sent: Wed 12/30/2020 8:13:57 PM
 Subject: stabiliteit Moderna vaccin tijdens transport
 Received: Wed 12/30/2020 8:13:58 PM
[FINAL EU COVID-19 Vaccine - How to Transport - Liquid State 12.22.20.pdf](#)

Hoi Collega's,

In bijgevoegd document wat we gisteren van Moderna hebben gehad staat iets over de stabiliteit van het vaccin tijdens transport. Het komt er op neer dat het niet heel lang vervoerd of vaker verplaatst kan worden. Goed om rekening mee te houden in onze distributieplannen. Transport in goede transportboxen bij 2-8 graden kan wel voor een duur van in totaal 12 uur.

Any set of cartons/vials should not be subjected to repeat instances of transport. If a carton/vial has been on a transfer once, it should not be sent out again and instead used locally, even if the vial has not been in transit for the maximum allowable period. This is a precautionary measure since it will be difficult to keep track of the transportation time "used up" for any specific vial.

Scenario 1: Short Duration Transport on a Medical, Commercial or University Campus-Like Setting

Transport in a qualified container, as defined above, may be carried out using a well-functioning wheeled cart on a relatively smooth pathway. Transport may also be conducted as a hand-carry (walked, no running). Follow the general precautions described above. Such transport may be conducted for up to one (1) hour. If cumulative time for this local transport (walked/pushcart) will exceed one (1) hour, user should transport in frozen state at $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (i.e., -25° to -15°C (-13°F to 5°F)).

Scenario 2: Medium and Long Duration Ground Transport

Transport in qualified container, as defined above, may be carried out using a car, van, or truck on paved, smooth gravel, or smooth dirt roads, following the general precautions described above. Such transport may be conducted for up to twelve (12) hours.

Met vriendelijke groet,

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 Dienst Vaccinvoorziening en Preventieprogramma's (RIVM-DVP)

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