Title: Photovoltaic GEM Vaccine
Generated on: 2026-03-03 11:29:56

In this study, the design and manufacturing of a photovoltaic solar energy-driven, nanofluid-integrated thermoelectric vaccine cabinet was carried out and its performance data were ...

This paper investigates a photovoltaic vaccine refrigerator based on absorption cooling system for remote areas when grid connection is not feasible.

Design and experimental investigation of a thermoelectric vaccine a photovoltaic solar energy-driven, nanouid-integrated thermoelectric vaccine cabinet was carried out and its performance data were ...

Discover how a photovoltaic system powers the vaccine refrigerator at Centro De Salud in Mexico, enhancing reliability and preventing vaccine spoilage.

Recombinant PV virus-like particles (VLPs), lacking the viral genome, represent safe next-generation vaccines, however their production requires optimisation. Stabilized ECs, expressed recombinantly ...

Here, we developed novel vaccine candidates utilising multiple nanoparticle (NP) platforms to display the recombinant gE antigen, formulated in an MF59-biosimilar adjuvant.

Thanks to the photovoltaic (PV) panel placed on the vaccine cabinet, part of the required electrical energy can be met from solar energy and stored with a battery placed in the cabinet. During the ...

Over the past five years, at least 3000 photovoltaic medical refrigerators have been installed. All vaccines have to be kept within a limited temperature range throughout transportation and storage.

Website: https://www.lesfablesdalexandra.fr