

MEMORANDUM

To: Whom It May Concern

From: Moderna

Re: Moderna COVID-19 Vaccine Vials

The Moderna COVID-19 Vaccine (aka “COVID-19 Vaccine Moderna”) has traditionally been filled and distributed in clear vials. In order to best meet the vaccine preparation demands of the COVID-19 pandemic, Moderna has engaged multiple vial sources including SiO2 Materials Science. SiO2 Materials Science produces polymer-based vials which may appear thicker and display a slight green tint as a result of the vial sterilization process during manufacturing. This tinting is strictly visual and **has no impact on the vaccine.**¹ Over time, vial tinting may fade naturally, resulting in a faint yellow color. Below are images demonstrating a range of vial colors under various lighting conditions that may be encountered in the field.



¹ Typical range of coloration of Cyclic Olefin Polymer (COP) vials, SiO2 Materials Science, 2020

The Moderna COVID-19 Vaccine has not been approved or licensed by the U.S. Food and Drug Administration (FDA), but has been authorized for emergency use by FDA, under an Emergency Use Authorization (EUA), to prevent Coronavirus Disease 2019 (COVID-19) for use in individuals 18 years of age and older. There is no FDA-approved vaccine to prevent COVID-19. The EUA for the Moderna COVID-19 Vaccine is in effect for the duration of the COVID-19 EUA declaration justifying emergency use of the product, unless the declaration is terminated or the authorization is revoked sooner.

For information on the authorized use of Moderna COVID-19 Vaccine and mandatory requirements of the EUA, please review the Fact Sheet for Healthcare Providers Administering Vaccine and full Prescribing Information.