Assuming that recovery from COVID-19 brings a measure of immunity, some have proposed that the detection of antibodies to the SARS-CoV-2 virus could serve as the basis for an ‘immunity passport’ that would enable individuals to travel or to return to work. While health officials and scientists continue to review the evidence on antibody responses to SARS-CoV-2 infection, critical ethical questions related to stigma, health inequities, and the evidential basis for the use of immunity passports must be addressed. This online seminar, hosted by the Public Health Emergency Preparedness and Response Ethics Network (PHEPREN), will bring together leading experts to discuss these important questions.