

# Carba-R Supplemental Information

The Cepheid GeneXpert Carba-R Assay is a comprehensive test that detects and differentiates the most prevalent carbapenemase gene families (KPC, NDM, VIM, IMP-1 and OXA-48). It is important for a successful infection control program. MCIM positive CRE/CRPA isolates are reflexed to the Carba-R Assay.

## Specimen Collection

Rectal swabs are collected in the standard manner and sent in a Copan eSwab Amies transport container to the SDPHL as soon as possible. Specimens are stable for up to 5 days at 2–8°C, or up to 24 hours at 20–30°C (room temperature).

## Specimen Identification

Complete all the provider and patient information areas on the SDPHL requisition slip. Include pertinent clinical and biochemical information with each specimen.

1. Label each specimen with the date of collection and the patient's first and last name. Unlabeled specimens or specimens where the patient identifier on the specimen does not match the identifier on the form **will not be tested**.

## Criteria for Unacceptable Specimens

1. No patient identifier on specimen or culture.
2. Specimens received more than 5 days after collection (they will be tested, but a disclaimer will be added to the report indicating that negative results are questionable).
3. Specimen submitted in unsuitable collection kit.
4. The specimen did not arrive in appropriate temperature transport range.