



CRE PCR Screening (Qualitative)

Synonym(s): CPE PCR, CP-CRE PCR, Carbapenemase PCR

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Lab Section Category	Bacteriology/Mycology/Parasitology - Bacteria Click here to find out more about the write-up (/Clinical-Departments-Centers/Pathology/Pathology-Handbook/Lab-Discipline-Special-Instructions/pages/bacteriology-mycology-parasitology.aspx).
Specimen Required	Rectal sample in single eSwab. Click here for Guides to Swabs in SGH (https://www.sgh.com.sg/clinical-departments-centers/pathology/mrsa-and-cre-screening-resource/pages/guide-to-swabs-in-sgh.aspx) Click here for FAQs to CRE Screening PCR (https://www.sgh.com.sg/clinical-departments-centers/pathology/mrsa-and-cre-screening-resource/pages/faqs-mrsa-cre-screening.aspx)
Storage and Transport	Despatch all samples to Diagnostic Bacteriology laboratory as soon as possible.
Method	Commercial Real-Time PCR; Cepheid Xpert® Carba-R Assay (Targets: KPC, NDM, OXA-48 like, IMP-1, VIM)
Test Result	(Target) DNA Not Detected; (Target) DNA Detected; Inconclusive
Turnaround Time	4 - 24 hours
Day(s) Test Set up	Daily
Remarks	Leaked samples will be rejected. All types of swabs other than eSwabs will be rejected.

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