

Reporting Title: Carbapenem Resistance Genes, PCR**Performing Location:** Rochester**Ordering Guidance:**

This test is performed on rectal and perirectal swab specimens from patients at risk for intestinal colonization with bacteria not susceptible to carbapenem antimicrobials.

Other mechanisms of carbapenem resistance, including carbapenemases not targeted by this assay, porin mutations, and hyperexpression of drug efflux pumps, may result in carbapenem resistance. These mechanisms are not detected by this assay.

Specimen Requirements:

Specimen Type: Rectal/perirectal swab

Supplies: Culturette (BBL Culture Swab) (T092)

Container/Tube: Culture transport swab

Specimen Volume: Entire collection

Specimen Minimum Volume:

See Specimen Required

Forms:

If not ordering electronically, complete, print, and send a Microbiology Test Request (T244) with the specimen.

Specimen Type	Temperature	Time	Special Container
Swab	Ambient	5 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
IMPCR	IMP Resistance Gene	Alphanumeric		85498-4
VIMCR	VIM Resistance Gene	Alphanumeric		85501-5
NDMCR	NDM Resistance Gene	Alphanumeric		73982-1
KPPCR	KPC Resistance Gene	Alphanumeric		49617-4
OXACR	OXA-48-like Resistance Gene	Alphanumeric		85503-1

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798

Reference Values:

Not detected