



Name	: XXXXXXXXXXXX	Referred By	: XXXXXXXXXXXX
Id	: XXXXXXXXXXXX	Billed	: XXXXXXXXXXXX
Age	: XX/Y	Collected On	: XXXXXXXXXXXX
Gender	: X	Reported	: XXXXXXXXXXXX
Phone	: XXXXXXXXXXXX	Vid	: XXXXXXXXXXXX

Test	Result	Units	Biological Reference Interval
------	--------	-------	-------------------------------

DEPARTMENT OF MOLECULAR BIOLOGY

Carbapenem and ESBL Gene Markers Panel (1509)

(Method: Multiplex Real Time PCR)

IMP	NOT DETECTED		
KPC	NOT DETECTED		
New delhi metallo-beta-lactamase (NDM)	NOT DETECTED		
OXA 48	NOT DETECTED		
OXA 1	NOT DETECTED		
VIM	NOT DETECTED		
beta-lactamases TEM, SHV	DETECTED		
DHA	NOT DETECTED		
CTXM	NOT DETECTED		
Specimen	CULTURE ISOLATE		

INTERPRETATION

Anti microbial resistance (AMR) Genes and Applicable Bacteria

AMR Gene	Applicable Bacteria
van A/B/C	<i>Enterococcus faecalis, Enterococcus faecium</i>
MRSA	<i>Staphylococcus aureus</i>
CTX-M, IMP, KPC, NDM, VIM	<i>Acinetobacter calcoaceticus-baumannii complex, Enterobacteriales, Enterobacter cloacae complex, Escherichia coli, Klebsiella aerogenes, Klebsiella oxytoca, Klebsiella pneumoniae group, Pseudomonas aeruginosa, Proteus spp., Salmonella spp., Serratia marcescens</i>
OXA 1 & OXA-48 like	<i>Enterobacteriales, Enterobacter cloacae complex, Escherichia coli, Klebsiella aerogenes, Klebsiella oxytoca, Klebsiella pneumoniae group, Proteus spp., Salmonella spp., Serratia marcescens</i>

Carbapenem Gene Markers Panel (1510)

(Method: Multiplex Real Time PCR)

Specimen	CULTURE ISOLATE		
Klebsiella pneumoniae Carbapenamase (KPC)	DETECTED		
IMP	NOT DETECTED		
OXA 1	NOT DETECTED		
OXA 48	NOT DETECTED		

Disclaimer :

All laboratory test results must be interpreted within the context of the patient and should be used along with other tests and clinical findings. Laboratory test results may vary depending upon age, sex, time of sample collection, diet, medication and physiological variations.

737 E, Puliyakulam Road, Coimbatore - 641 045 | E-Mail : info@orbitoasia.com | Web : www.orbitoasia.com

Coimbatore | Chennai | Tirupur | Erode | Tirunelveli | Thanjavur | Ooty | Udumalpet | Dharapuram | Kangayam

Customer Care

0422 - 4030201

0422 - 4030202

Reports

0422 - 4030203

0422 - 4030204

Name	: XXXXXXXXXXXX	Referred By	: XXXXXXXXXXXX
Id	: XXXXXXXXXXXX	Billed	: XXXXXXXXXXXX
Age	: XX/Y	Collected On	: XXXXXXXXXXXX
Gender	: X	Reported	: XXXXXXXXXXXX
Phone	: XXXXXXXXXXXX	Vid	: XXXXXXXXXXXX

Test	Result	Units	Biological Reference Interval
New delhi metallo-beta-lactamase (NDM)	NOT DETECTED		
VIM	NOT DETECTED		
INTERPRETATION			
AMR Gene	Applicable Bacteria		
Van A/B/C	<i>Enterococcus faecalis, Enterococcus faecium</i>		
MRSA	<i>Staphylococcus aureus</i>		
CTX-M, IMP, KPC, NDM, VIM	<i>Acinetobacter calcoaceticus-baumannii complex, Enterobacterales, Enterobacter cloacae complex, Escherichia coli, Klebsiella aerogenes, Klebsiella oxytoca, Klebsiella pneumoniae group, Pseudomonas aeruginosa, Proteus spp., Salmonella spp., Serratia marcescens</i>		
OXA 1 & OXA-48 like	<i>Enterobacterales, Enterobacter cloacae complex, Escherichia coli, Klebsiella aerogenes, Klebsiella oxytoca, Klebsiella pneumoniae group, Proteus spp., Salmonella spp., Serratia marcescens</i>		

--- End of the Report ---

Disclaimer :

All laboratory test results must be interpreted within the context of the patient and should be used along with other tests and clinical findings. Laboratory test results may vary depending upon age, sex, time of sample collection, diet, medication and physiological variations.

737 E, Puliyakulam Road, Coimbatore - 641 045 | E-Mail : info@orbitoasia.com | Web : www.orbitoasia.com
Coimbatore | Chennai | Tirupur | Erode | Tirunelveli | Thanjavur | Ooty | Udumalpet | Dharapuram | Kangayam

Customer Care

0422 - 4030201
0422 - 4030202

Reports

0422 - 4030203
0422 - 4030204