



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 - BLOOD (EDTA)**

**ORBITO SEPSIS (1221)**

*(Method: Nested Multiplex PCR)*

Sample Type	Result	Units	Biological Reference Interval
<b>BLOOD</b>			
<b>GRAM NEGATIVE BACTERIA</b>			
Acinetobacter calcoaceticus - baumannii complex	NOT DETECTED		
Bacteroides fragilis	NOT DETECTED		
Enterobacterales	NOT DETECTED		
Enterobacter cloacae complex	NOT DETECTED		
Escherichia coli	NOT DETECTED		
Klebsiella aerogenes	NOT DETECTED		
Klebsiella oxytoca	NOT DETECTED		
Klebsiella pneumoniae group	NOT DETECTED		
Proteus spp.	NOT DETECTED		
Salmonella spp.	NOT DETECTED		
Serratia marcescens	NOT DETECTED		
Haemophilus influenzae	NOT DETECTED		
Neisseria meningitidis	NOT DETECTED		
Pseudomonas aeruginosa	NOT DETECTED		
Stenotrophomonas maltophilia	NOT DETECTED		
<b>GRAM POSITIVE BACTERIA</b>			
Enterococcus faecalis	NOT DETECTED		
Enterococcus faecium	NOT DETECTED		
Listeria monocytogenes	NOT DETECTED		
Staphylococcus spp.	NOT DETECTED		
Staphylococcus aureus	NOT DETECTED		
Staphylococcus epidermidis	NOT DETECTED		
Staphylococcus lugdunensis	NOT DETECTED		
Streptococcus spp.	NOT DETECTED		
Streptococcus agalactiae (Group-B)	NOT DETECTED		
Streptococcus pneumoniae	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](mailto:info@orbitoasia.com) | Web : [www.orbitoasia.com](http://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	: XXXXXXXXXX	Referred By	: XXXXXXXXXX
Id	: XXXXXXXXXX	Billed	: XXXXXXXXXX
Age	: XX/Y	Collected On	: XXXXXXXXXX
Gender	: X	Reported	: XXXXXXXXXX
Phone	: XXXXXXXXXX	Vid	: XXXXXXXXXX

Test	Result	Units	Biological Reference Interval
Streptococcus pyogenes (Group-A)	NOT DETECTED		
<b>YEAST</b>			
Candida albicans	NOT DETECTED		
Candida auris	NOT DETECTED		
Candida glabrata	NOT DETECTED		
Candida krusei	NOT DETECTED		
Candida parapsilosis	NOT DETECTED		
Candida tropicalis	NOT DETECTED		
Cryptococcus neoformans/gattii	NOT DETECTED		
<b>ANTIMICROBIAL RESISTANCE GENES</b>			
<b>Carbapenemases</b>			
IMP	NOT APPLICABLE		
KPC	NOT APPLICABLE		
OXA-48- Like	NOT APPLICABLE		
NDM	NOT APPLICABLE		
VIM	NOT APPLICABLE		
<b>Colistin Resistance</b>			
mcr-1	NOT APPLICABLE		
<b>ESBL</b>			
CTX-M	NOT APPLICABLE		
<b>Methicillin Resistance</b>			
mecA/c	NOT APPLICABLE		
MecA/C and MREJ (MRSA)	NOT APPLICABLE		
<b>Vancomycin Resistance</b>			
VanA/B	NOT APPLICABLE		

**REMARKS**

The Blood Culture Identification 2 (BCID2) Panel is a multiplexed nucleic acid test for the simultaneous qualitative detection and identification of multiple bacterial and yeast nucleic acids and select genetic determinants associated with antimicrobial resistance. The BCID2 Panel test is performed directly on blood culture samples identified as positive by a continuous monitoring blood culture system. Results are intended to be interpreted in conjunction with Gram stain results.

**Note**

1. Results of the Sepsis panel are intended to aid in the diagnosis of infections in blood and are meant to be used in conjunction with other tests and clinical findings.
- 2.

**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](mailto:info@orbitoasia.com) | Web : [www.orbitoasia.com](http://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
------	--------	-------	-------------------------------

1. This assay is not intended to monitor the efficacy of treatment, serotyping, genotyping and speciation of organisms included in the panel.

**INTERPRETATION**

**DETECTED:** Indicates organism detected and identified is likely causing symptoms of disease. Co-Infection by more than one organism is not uncommon. However it does not distinguish between a viable or replicating organism and the presence of a nonviable organism or nucleic acid, nor do they exclude the potential for co-infection by organisms not contained within the panel.

**NOT DETECTED:** Indicates organisms tested in the panel were not detected and the symptoms may be caused by a condition other than an infection or a pathogen that was not tested for. Also a negative result maybe in concentrations below the level of detection by this assay or organisms are not included in this panel.

**Anti microbial resistance (AMR) Genes and Applicable Bacteria**

AMR Gene	Applicable Bacteria
van A/B	<i>Enterococcus faecalis, Enterococcus faecium</i>
mec A/C	<i>Staphylococcus epidermidis, Staphylococcus lugdunensis</i>
Mec A/C and MREJ (MRSA)	<i>Staphylococcus aureus</i>
mcr-1	<i>Enterobacter cloacae complex, Escherichia coli, Klebsiella aerogenes, Klebsiella oxytoca, Klebsiella pneumoniae group, Salmonella spp.</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-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](mailto:info@orbitoasia.com) | Web : [www.orbitoasia.com](http://www.orbitoasia.com)  
 Coimbatore | Chennai | Tirupur | Erode | Tirunelveli | Thanjavur | Ooty | Udumalpet | Dharapuram | Kangayam

**Customer Care**

0422 - 4030201  
0422 - 4030202

**Reports**

0422 - 4030203  
0422 - 4030204