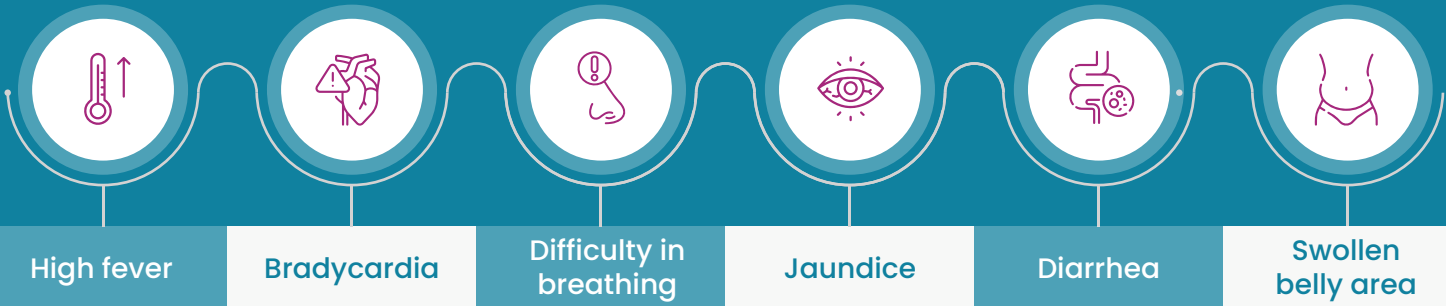


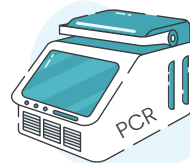
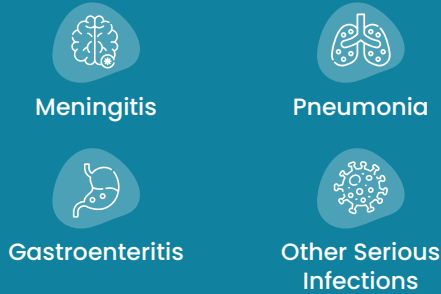


“Neonatal Sepsis is a leading cause of hospitalization and infant death”

Symptoms



Causes



Sepsis is difficult to diagnose. **Early detection, testing & treatment can**



Save lives of NICU babies



Reduce hospital (NICU) costs



Reduce parental anxiety and stress



Molecular RT-PCR

High Sensitivity (98%) & Specificity (99.5%)
Can target difficult to culture pathogens too
Sample requirement - Less
⌚ Shorter TAT - 24 hr



Traditional Culture Method

Lower Sensitivity & Specificity
Non culturable pathogens are difficult to detect
Sample requirement - Higher
⌚ Longer TAT

Name of Salesperson: Contact:

✉ support@mfine.co

🌐 www.mfine.co

“ MFine Diagnostics presents ”

Qualitative detection of —
Microbial Pathogens
 — causing neonatal sepsis

Test Code	Test Name	Panel Component	Method	Sample	TAT
NEONSEPPLNL01	Neonatal Sepsis Panel (Qualitative)	Cytomegalovirus, Group B Streptococci , Staphylococcus aureus, Escherichia coli, Listeria monocytogenes, Chlamydia trachomatis & Ureaplasma urealyticum/parvum, Klebsiella pneumonia (01 virus & 07 Bacteria)	Real Time PCR	3ml Whole Blood in K2 EDTA Tube (Lavender top), Sterile Container	24 hours, after sample reaches lab

Other sample types like body fluids are also accepted

Assists in determining **Drug Resistance** & Subsequent **Drug Selection** for effective treatment of neonatal & adult sepsis

Test Code	Test Name	Panel Component	Method	Sample	TAT
CARBAPNL03	Carbapenemase Drug resistance detection Panel (Qualitative)	Resistance Markers Detected/covered KPC, NDM,VIM, IMP, OXA48, OXA-51, OXA-58	Real Time PCR	3ml Whole Blood in K2 EDTA Tube (Lavender top), Sterile Container	24 hours, after sample reaches lab

Other sample types like body fluids are also accepted

Qualitative detection of microbes, **Drug Resistance** & Subsequent **Drug Selection** for effective treatment of neonatal & adult sepsis

Test Code	Test Name	Panel Component	Method	Sample	TAT
SEPSISMDRPNL	Sepsis MDR Panel	Staphylococcus aureus Streptococcus pneumoniae Klebsiella pneumoniae Mycoplasma pneumoniae Salmonella spp Streptococcus pyogenes Bordetella spp. Chlamydia pneumoniae Streptococcus agalactiae Acinetobacter baumannii Pseudomonas aeruginosa Legionella pneumophila Haemophilus influenzae (A-F) Moraxella catarrhalis with Resistance Marker NDM KPC IMP VIM OXA-51 OXA-23 OXA-48 OXA-58	Real Time PCR	3ml Whole Blood in K2 EDTA Tube (Lavender top), Sterile Container	24 hours, after sample reaches lab

Other sample types like body fluids are also accepted