



INFECTO GENOME LABS

INSIGHTFUL SCIENCE FOR BETTER CURE

Molecular Testing Laboratory Infectious Diseases-Catalogue



CE-MARKED

US FDA-CLEARED

IVD-APPROVED

WELCOME TO INFECTO GENOME LABS

Infecto Genome Labs is a next-generation Molecular and Genetic Diagnostic Laboratory, dedicated to transforming infectious disease detection and management through the integration of Advanced Molecular Diagnostics and AI-driven Intelligence.

Our Guiding Principle:

“INSIGHTFUL SCIENCE FOR BETTER CURE”

We believe that the future of diagnostics lies in the synergy of Molecular science, artificial intelligence and clinical expertise. By uniting these forces, Infecto Genome Labs is committed to supporting clinicians, hospitals and public health systems in delivering faster diagnosis, better treatments and improved patient care.

At Infecto Genome Labs, we perform highly complex molecular testing across infectious diseases oncology related genetic mutations and hereditary conditions. Our scope also includes genotyping, antimicrobial resistance detection and predictive biomarker studies, ensuring comprehensive patient care.

Headquartered in Hyderabad, Telangana, our facility is equipped with:

- State-of-the-art PCR platforms (Including Real-Time PCR and Multiplex PCR).
- AI-supported data analytics for intelligent result interpretation and predictive insights.
- NABL and ICMR compliant protocols ensuring international quality standards.

OUR VISION:

- To provide reliable and actionable diagnostic results that directly aid clinical decision making.
- To ensure timely reporting with a focus on rapid turnaround.
- To continually adopt innovative molecular methods aligned with global best practices.
- To deliver diagnostics with speed, accuracy and reproducibility at par with international standards.
- To bridge science and healthcare by translating advanced research into real-world medical applications.

OUR MISSION:

- To integrate AI-powered diagnostics for enhanced accuracy, predictive modeling, and data-driven healthcare insights.
- To leverage an expert team with decades of combined experience in molecular diagnostics and clinical Microbiology & Molecular biology.
- To drive research and development initiatives, contributing to novel diagnostic solutions and improved patient outcomes.
- To employ cutting-edge PCR and molecular platforms with high sensitivity, specificity and robustness, ensuring the detection of even low-abundance pathogens.

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CRITICAL ICU PANELS

INFECTO SEPSIS PANEL(IGSP-22)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD

TAT: 24hrs

Gram Positive Bacteria(8): Streptococcus agalactiae, Streptococcus pneumoniae, Streptococcus pyogenes (GAS), Staphylococcus aureus, Staphylococcus spp, Enterococcus faecium, Enterococcus faecalis, Streptococcus specific gene.

Gram Negative Bacteria(11): Escherichia coli, Klebsiella pneumoniae, Pseudomonas aeruginosa, Acinetobacter baumannii, Proteus mirabilis, Salmonella spp, Enterobacter spp, Enterobacteriaceae, Serratia marcescens, Bacteroides spp, Ureaplasma.

Fungi(3): Candida spp (C.albicans & C.glabrata), Aspergillus spp, PAN fungi

INFECTO SEPSIS PANEL WITH AMR (IGSAP-36)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD

TAT: 24hrs

Gram Positive Bacteria(7): Staphylococcus aureus, Staphylococcus epidermidis, Streptococcus pneumoniae, Streptococcus pyogenes, Streptococcus agalactiae, Enterococcus faecium, Enterococcus faecalis.

Gram Negative Bacteria(8): Escherichia coli, Klebsiella pneumoniae, Pseudomonas aeruginosa, Acinetobacter baumannii, Salmonella spp, Neisseria meningitidis, Haemophilus influenzae(A-F), Enterobacter spp.

Fungi(3): Candida albicans, Candida auris, Candida lusitanae,

Antimicrobial Resistance (AMR) Genes(14):

Beta-lactams (blaCTX-gr1, blaTEM, blaSHV),

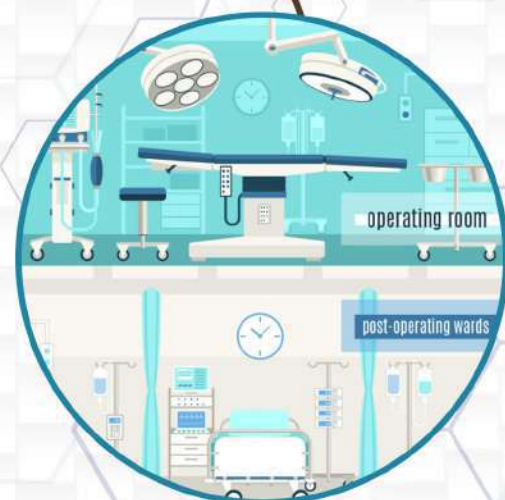
Carbapenems (blaKPC, blaNDM, blaVIM, blaOXA-48 like, blaIMP),

Vancomycin/Methicillin (vanA, vanB, mecA),

Trimethoprim/Sulfamethoxazole (sul2, dfrA1, dfrA5).

Universal Detection(2): PAN bacteria, PAN fungi.

Virus(1): Cytomegalo virus(CMV). **Parasite(1):** Toxoplasma gondii.



CRITICAL ICU PANELS

NEONATAL SEPSIS (IGNSP-8)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD

TAT: 24hrs

Escherichia coli, Streptococcus agalactiae (GBS),
Listeria monocytogenes, Staphylococcus aureus,
Streptococcus pneumoniae, Chlamydia trachomatis,
Haemophilus influenzae, Klebsiella pneumoniae.

INFECTO AMR PANEL (IGARP-14)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD

TAT: 24hrs

Beta-lactams (blaCTX-gr1, blaTEM, blaSHV),
Carbapenems (blaKPC, blaNDM, blaVIM, blaOXA-48 like, blaIMP),
Vancomycin/Methicillin (vanA, vanB, mecA),
Trimethoprim/Sulfamethoxazole (sul2, dfrA1, dfrA5).



SEASON FLU PANELS



INFECTO FLU PANEL (IGFP-4)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/
Tracheal Aspirate

TAT: 24hrs

.....
Influenza A, Influenza B, Influenza A (H1N1), Influenza A, (H3N2).

INFECTO BASIC FLU PANEL (IGBFP-3)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/
Tracheal Aspirate

TAT: 24hrs

.....
Influenza A, Influenza A (H1N1), Respiratory syncytial virus A/B.



INFECTO FLU SUBTYPING (IGFSP-7)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/
Tracheal Aspirate

TAT: 24hrs

.....
Influenza A, Influenza B, Influenza A (H1N1), Influenza A, (H3N2),
Respiratory syncytial virus A/B, Adeno virus, Covid-19.

RESPIRATORY PANELS



INFECTO RESPIRATORY VIRAL PANEL (IGRVP-16)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

.....
Influenza A, Influenza B, Influenza A (H1N1), Influenza A, (H3N2), Respiratory syncytial virus A/B, Adeno virus, Rhino virus, Entero virus, Boca virus, HMPV, Parecho virus, Parainfluenza 1,2,3,4, Mycoplasma pneumoniae.

INFECTO RESPIRATORY BACTERIAL PANEL (IGRBP-14)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

.....
Acinetobacter baumannii, Moraxella catarrhalis, Pseudomonas aeruginosa, Streptococcus pyogenes, Streptococcus agalactiae, Salmonella spp, Staphylococcus aureus, Legionella pneumophila, Klebsiella pneumoniae, Chlamydia pneumoniae, Mycoplasma pneumoniae, Streptococcus pneumoniae, Hemophilus influenzae, Bordetella spp.



INFECTO RESPIRATORY COMBINED PANEL (IGRCP-35)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

.....
VIRUS: Influenza A, Influenza B, Influenza A (H1N1), Influenza A, (H3N2), Influenza C, Respiratory syncytial virus A/B, Adeno virus, Rhino virus, Entero virus, Boca virus, HMPV, Parechovirus, Coronavirus NL63, Coronavirus OC43, Coronavirus HKU1, Coronavirus 229E, Parainfluenza 1,2,3,4, Mumps, Covid-19.

BACTERIA: Acinetobacter baumannii, Moraxella catarrhalis, Streptococcus pyogenes, Streptococcus agalactiae, Salmonella spp, Staphylococcus aureus, Legionella pneumophila, Klebsiella pneumoniae, Chlamydia pneumoniae, Mycoplasma pneumoniae, Streptococcus pneumoniae, Hemophilus influenzae, Hemophilus influenza B, Bordetella spp.



RESPIRATORY PANELS



INFECTO RESPIRATORY PANEL - 1(IGRP-15)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

VIRUS: Influenza A Virus, Influenza B Virus, Influenza A Virus(H1N1), Influenza A Virus (H3N2), Enterovirus, Human Rhinovirus, Parainfluenza 1, Parainfluenza 2, Respiratory syncytial viruses A/B, Human Adenovirus, Human Bocavirus, Human Metapneumoviruses A/B.

BACTERIA: Mycoplasma pneumoniae, Hemophilus Influenzae, Streptococcus pneumoniae.

INFECTO RESPIRATORY PANEL - 2(IGRP-11)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

VIRUS: Influenza B Virus, Influenza A Virus, Influenza A Virus(H1N1), Influenza A Virus (H3N2), Respiratory syncytial viruses A, Respiratory syncytial viruses B, Human Adenovirus, COVID-19.

BACTERIA: Streptococcus pneumoniae, Mycoplasma pneumoniae, Bordetella SPP.





RESPIRATORY PANELS

INFECTO RESPIRATORY COMBINED PLUS PANEL (IGRCP-40)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

VIRUS: Influenza A, Influenza B, Influenza A (H1N1), Influenza A, (H3N2), Influenza C, Respiratory syncytial virus A/B, Adeno virus, Rhino Virus, Entero Virus, Boca virus, HMPV, Parechovirus, Coronavirus NL63, Coronavirus OC43, Coronavirus HKU1, Coronavirus 229E, Parainfluenza 1,2,3,4, Mumps, Covid-19.

BACTERIA: Acinetobacter baumannii, Moraxella catarrhalis, Streptococcus pyogenes, Streptococcus agalactiae, Salmonella spp, Staphylococcus aureus, Legionella pneumophila, Klebsiella pneumoniae, Chlamydia pneumoniae, Mycoplasma pneumoniae, Streptococcus pneumoniae, Hemophilus Influenzae, Hemophilus Influenza B, Bordetella spp.

FUNGI: PAN fungi, Aspergillus spp, Mucorales, Pneumocystis jirovecii.

INFECTO RESPIRATORY COMBINED PLUS WITH AMR GENES (IGRCPG-54)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Throat/Nasal swab/BAL/Sputum/Lung Tissue/Tracheal Aspirate

TAT: 24hrs

VIRUS: Influenza A, Influenza B, Influenza A (H1N1), Influenza A, (H3N2), Influenza C, Respiratory syncytial virus A/B, Adeno virus, Rhino virus, Entero virus, Boca virus, HMPV, Parechovirus, Coronavirus NL63, Coronavirus OC43, Coronavirus HKU1, Coronavirus 229E, Parainfluenza 1,2,3,4, Mumps, Covid-19.

BACTERIA: Acinetobacter baumannii, Moraxella catarrhalis, Streptococcus pyogenes, Streptococcus agalactiae, Salmonella spp, Staphylococcus aureus, Legionella pneumophila, Klebsiella pneumoniae, Chlamydia pneumoniae, Mycoplasma pneumoniae, Streptococcus pneumoniae, Hemophilus influenzae, Hemophilus influenza B, Bordetella spp.

FUNGI: PAN fungi, Aspergillus spp, Mucorales, Pneumocystis jirovecii.

AMR GENES: ESBL (blaCTX-MGr1, blaTEM, blaSHV), Carbapenems & Colistin (blaKPC, blaNDM, blaVIM, blaOXA-48, blaIMP & mcr-1), Vancomycin (vanA&vanB), MRSA (mecA).

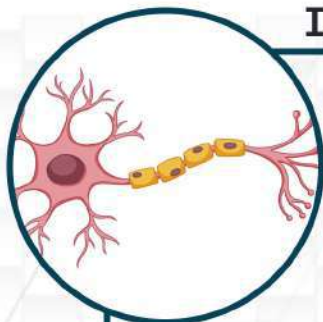
ACID-FAST BACILLI: Mycobacterium tuberculosis (MTB).



CNS/NEURO PANELS



INFECTO MENINGOENCEPHALITIS PANEL (IGMEP-21)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
Viruses(12): Human adenovirus, Enterovirus, Human parechovirus, HSV-1, HSV-2, Varicella zoster virus(VZV), Human cytomegalo virus(CMV), HHV-6, HHV-7, Epstein-Barr virus(EBV), Human parvovirus B-19, Mumps virus.

Bacteria(8): Haemophilus influenzae, Neisseria meningitidis, Escherichia coli, Streptococcus agalactiae, Streptococcus pneumoniae, Listeria monocytogenes, Mycobacterium tuberculosis complex, Non-tuberculosis mycobacterium.

Fungi(1): Cryptococcus neoformans/gattii.

INFECTO VIRAL MENINGITIS(Neuro-9) (IGVM-11)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
HSV-1, HSV-2, Enterovirus, Varicella zoster virus (VZV), Parechovirus, Parvovirus B-19, HHV-7, Adenovirus, Epstein-Barr virus, Cytomegalo virus(CMV).



INFECTO CNS BACTERIAL MENINGITIS (IGBM-5)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
Bacteria(5): Neisseria meningitidis, Staphylococcus aureus, Listeria monocytogenes, Haemophilus Influenzae, Streptococcus Pneumoniae.

INFECTO CNS INFECTION PANEL (IGCIP-19)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
Bacteria(5): Neisseria meningitidis, Staphylococcus aureus, Listeria monocytogenes, Haemophilus influenzae, Streptococcus pneumoniae.

Virus(14): HSV-1, HSV-2, Cytomegalo virus, Epstein-Barr virus, Varicella zoster virus(VZV), Human adenovirus, Enterovirus, Parvovirus B-19, Zika virus, Human parechovirus, HHV-6, HHV-7, Mycobacterium tuberculosis (MTB), Non-Tuberculosis complex (NTM).



CNS/NEURO PANELS

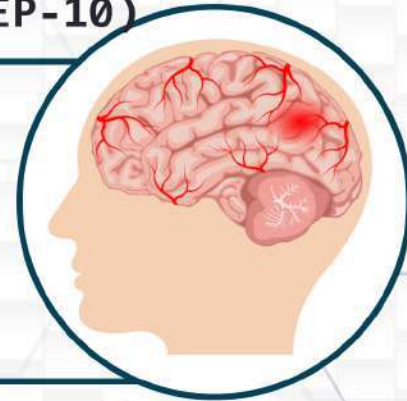
INFECTO MENINGOENCEPHALITIS PANEL-II (IGMEP-10)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
HSV-1, HSV-2, Varicella zoster virus(VZV), Cytomegalo virus(CMV),
Enterovirus, Neisseria meningitidis, Streptococcus pneumoniae,
Haemophilus influenzae, Mycobacterium tuberculosis complex, Rifampicin.



INFECTO MENINGOENCEPHALITIS PANEL-III (IGMP-12)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
Streptococcus pneumoniae, Neisseria meningitidis, Haemophilus influenzae,
HSV-1, HSV-2, Enterovirus, Cytomegalo virus(CMV), Varicella zoster virus(VZV),
Candida albicans, Mycobacterium tuberculosis,
Japanese encephalitis virus(JEV), Cryptococcus neoformans.

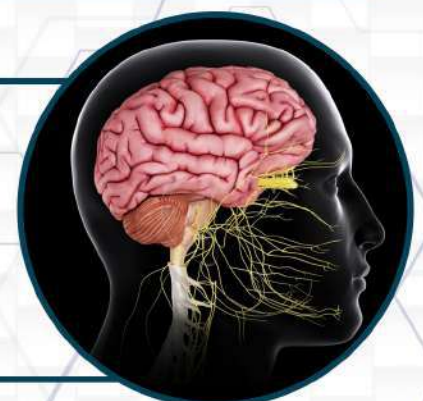
INFECTO VIRAL ENCEPHALITIS (IGVEP-7)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
HSV-1, HSV-2, Enterovirus, Cytomegalo virus, Varicella zoster virus(VZV),
Epstein-Barr virus(EBV), Adenovirus.



INFECTO AUTO IMMUNE ENCEPHALITIS PANEL (IGAIEP-6)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs

.....
ANTI-CASPR2, Anti glutamate receptor against NR1 subunit(NMDA),
Anti glutamate receptor(AMPA) Glu R1, Antiglutamate receptor(AMPA) R2,
GABAB receptor antibody, LGI1 Antibody.





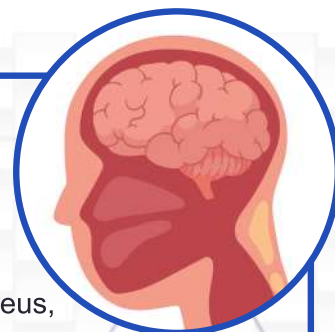
CNS PANELS

INFECTO CNS INFECTION PRIME (IGCIP-45)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs



GRAM-POSITIVE BACTERIA: Staphylococcus spp, Streptococcus spp, Staphylococcus aureus, Streptococcus pneumoniae, Enterococcus faecium, Enterococcus faecalis, Listeria monocytogenes.

GRAM-NEGATIVE BACTERIA: Stenotrophomonas maltophilia, Neisseria meningitidis, Enterobacteriaceae spp, Klebsiella pneumoniae, Klebsiella oxytoca, Pseudomonas aeruginosa, Pseudomonas spp, Escherichia coli, Haemophilus influenzae, Acinetobacter baumannii.

VIRUSES: Human adenovirus (HAdV), Human cytomegalovirus (HCMV), Epstein-Barr virus (EBV), Herpes simplex viruses (HSV) 1, Herpes simplex viruses (HSV) 2, Varicella zoster virus (VZV), Enterovirus (EV), Human parechovirus (HpeV), Human herpesviruses (HHV) 6, Human herpesviruses (HHV) 7, Human parvovirus B19 (B19V)

FUNGI: Candida albicans, Candida tropicalis, Candida parapsilosis, Candida glabrata, Candida krusei, Cryptococcus neoformans.

ACID FAST BACILLI: Mycobacterium tuberculosis

ANTIMICROBIAL RESISTANCE GENES: IMP, KPC, New Delhi metallo-beta-lactamase (NDM), OXA 48, OXA 1, VIM, β -lactamases TEM, SHV, DHA, CTXM, MRSA.

INFECTO CNS INFECTION PLUS (IGCIP-34)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: CSF

TAT: 24hrs



GRAM-POSITIVE BACTERIA: Staphylococcus spp, Streptococcus spp, Staphylococcus aureus, Streptococcus pneumoniae, Enterococcus faecium, Enterococcus faecalis, Listeria monocytogenes.

GRAM-NEGATIVE BACTERIA: Stenotrophomonas maltophilia, Neisseria meningitidis, Enterobacteriaceae spp, Klebsiella pneumoniae, Klebsiella oxytoca, Pseudomonas aeruginosa, Escherichia coli, Haemophilus influenzae, Acinetobacter baumannii.

VIRUSES: Human adenovirus (HAdV), Human cytomegalovirus (HCMV), Epstein-Barr virus (EBV), Herpes simplex viruses (HSV) 1, Herpes simplex viruses (HSV) 2, Varicella zoster virus (VZV), Enterovirus (EV), Human parechovirus (HpeV), Human herpesviruses (HHV) 6, Human herpesviruses (HHV) 7, Human parvovirus B19 (B19V).

FUNGI: Candida albicans, Candida tropicalis, Candida parapsilosis, Candida glabrata, Candida krusei, Cryptococcus neoformans

ACID FAST BACILLI: Mycobacterium tuberculosis

FEVER PANELS



INFECTO FEVER PANEL (IGFP-10)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

Dengue, Chikungunya, Zika virus, Orientia spp, Leptospira spp, Coxiella spp (Q-Fever), Rickettsia spp, Japanese encephalitis virus(JEV), Salmonella spp, Plasmodium spp.

INFECTO MALARIA PANEL (IGMP-4)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

Plasmodium falciparum, Plasmodium vivax, Plasmodium malariae, Plasmodium ovale.



VECTOR BORNE DISEASES (IGVBD-2)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE/CSF

TAT: 24hrs

Dengue virus, Chikungunya virus.

GASTROENTERITIS/STOMACH INFECTION PANELS

INFECTO GASTROENTERITIS BACTERIAL PANEL (IGGBP-7)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: STOOL

TAT: 24hrs

Camphylobacter coil/jejuni, Salmonella spp, Yersinia enterocolitica, Shigella spp, Clostridium difficile, Vibrio spp, Aeromonas spp

INFECTO GASTROENTERITIS VIRAL PANEL (IGVP-4)

PRINCIPLE/METHOD: Multiplex Real Time PCR

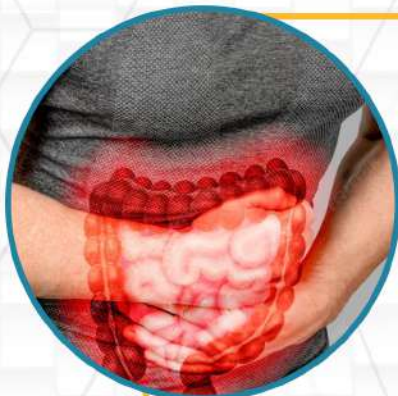
SPECIMEN: STOOL

TAT: 24hrs

Noravirus G1, Noravirus G2, Adenovirus, Astrovirus, Sapovirus, Rotavirus.



INFECTO GASTROENTERITIS COMBINED PANEL (IGGCP-19)



PRINCIPLE/METHOD: Multiplex Real Time PCR

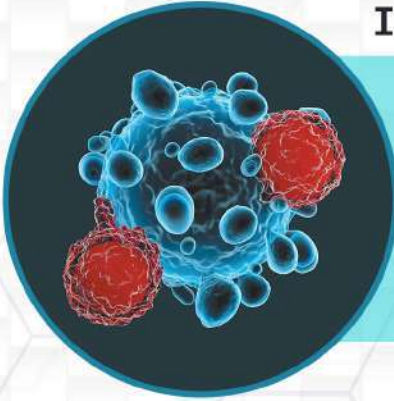
SPECIMEN: STOOL

TAT: 24hrs

Giardia lamblia, Entamoeba histolytica, Vibrio spp, Blastocystis hominis, Cyclospora cayetanensis, Cryptosporidium spp, Salmonella spp, Noravirus G1, Noravirus G2, Rotavirus, Adenovirus, Astrovirus, Sapovirus, Clostridium difficile hypervirulent, Clostridium difficile toxin B, EIEC/Shigella spp, Yersinia enterocolitica, Aeromonas spp, Camphylobacter coil/jejuni.

TRANSPLANT IMMUNOLOGY PANELS

IMMUNO SUPPRESSED PANEL (IGISP-4)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

.....
BK viral quantitative, CMV quantitative, EBV quantitative.

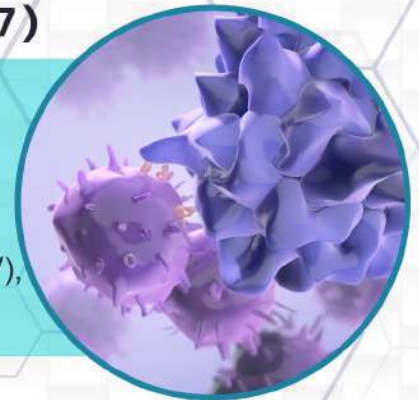
TRANSPLANT PANEL (QUALITATIVE) (IGTP-7)

PRINCIPLE/METHOD: Multiplex Real Time PCR

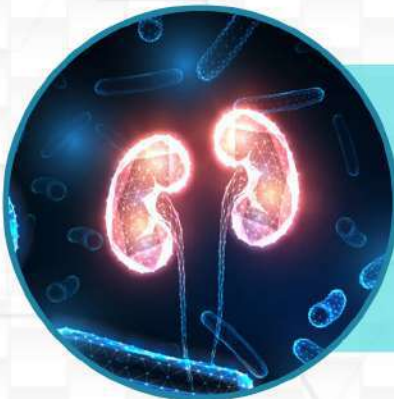
SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

.....
HSV-1, HSV-2, Varicella zoster virus(VZV), Cytomegalo virus(CMV),
EBV, BK virus, Human parvovirus B-19.



HBV (Viral Load) (IGHBV-1)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

.....
Hepatitis B virus(HBV).

HCV (Viral Load) (IGHCV-1)

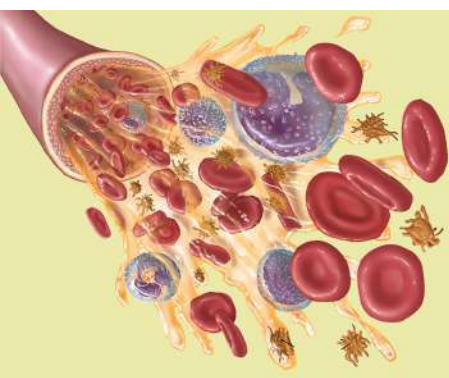
PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

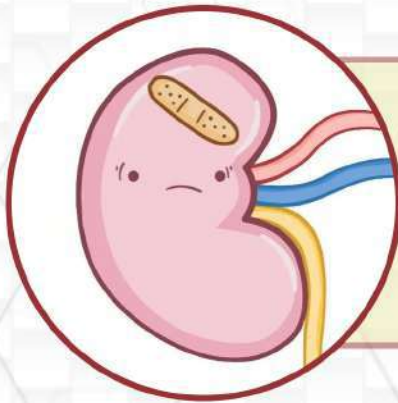
TAT: 24hrs

.....
Hepatitis C virus(HCV).





TRANSPLANT IMMUNOLOGY PANELS



CMV (Viral Load) (IGCMV-1)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

.....
Cytomegalo virus quantitative.

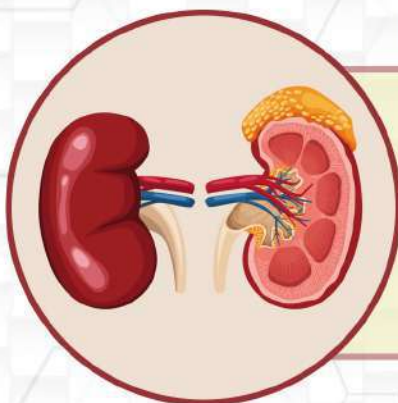
PRE-DIALYSIS PANEL (IGPRDP-3)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

.....
Cytomegalo virus(CMV) quantitative, Epstein–Barr virus quantitative, BK virus quantitative.



POST-DIALYSIS PANEL (IGPODP-2)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

.....
HBV, HCV quantitative (Viral Load).

URETHRITIS PANELS

STD PANEL (IGSTDP-8)



PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Urethral Swab, Vaginal Swab, Rectal Swab, Urine/Cervical Scrapings

TAT: 24hrs

Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium, HSV-1, HSV-2, Gardnerella vaginalis, Ureaplasma Urealyticum/Parvum, Trichomonas vaginalis.

MTB/NTM

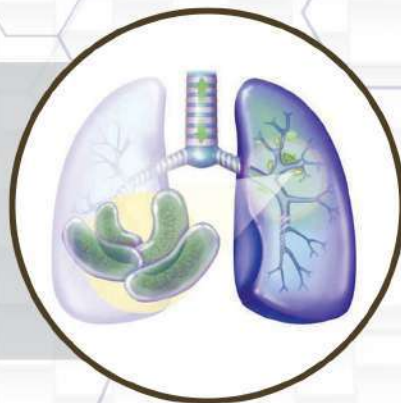
MTB/NTM WITH RIFAMPICIN (IGMTB)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: Sputum/BAL/CSF/Blood

TAT: 24hrs

Mycobacterium tuberculosis,
Non-Mycobacterium tuberculosis with Rifampicin resistance.





FUNGAL INFECTION PANELS

INFECTO MYCOPANEL-III (IGMP-13)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: EDTA BLOOD, BAL FLUID

TAT: 24hrs

Candida albicans, Candida auris, Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger DNA, Mucor spp, Mucorale, Rhizopus microsporus, Rhizopus oryzae, Rhizomucor pusillus, Absidia corymbifera (Lichtheimia corymbifera) Pan fungi.

INFECTO MYCOPANEL -II (IGMP-4)

PRINCIPLE/METHOD: Multiplex Real Time PCR

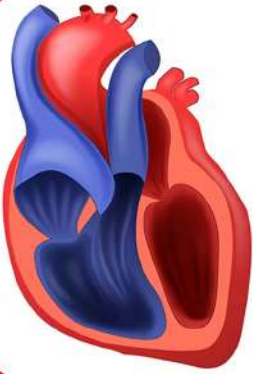
SPECIMEN: EDTA BLOOD/URINE

TAT: 24hrs

Pan fungi, Aspergillus spp, Mucorales, Pneumocystis jirovecii.



CARDIOVASCULAR PANEL



INFECTO MYOCARDITIS VIRAL PANEL (IGMVP-17)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: BLOOD/TISSUE/FLUID

TAT: 24hrs

Enterovirus, Mumps virus, Epstein-Barr virus, Respiratory syncytial virus A/B, HHV-7, Rubella virus, Dengue, Chikungunya, Coxsackie virus A6, Adenovirus, Zika virus, Cytomegalo virus(CMV), Varicella zoster virus(VZV), Parechovirus, HHV-6, JE virus, Parvovirus B-19.

INFECTO MYOCARDITIS BACTERIAL PANEL (IGMBP-17)

PRINCIPLE/METHOD: Multiplex Real Time PCR

SPECIMEN: BLOOD/TISSUE/FLUID

TAT: 24hrs

Borrelia burgdorferi, Brucella spp, Chlamydia psittacii, Clostridium tetani, Corynebacterium diphtheriae, Haemophilus influenzae, Legionella pneumophila, Leptospira spp, Mycobacterium tuberculosis, Mycoplasma pneumoniae, Neisseria gonorrhoea, Neisseria meningitidis, Rickettsia spp, Staphylococcus spp, Streptococcus pneumoniae, Treponema pallidum, Streptococcus spp.



QIAstat-Dx

Fast and direct identification of pathogens for better patient care



Dear Doctor's / Clinicians,

The Infecto QIAfire Meningitis, SARS CoV-2 & Gastroenteritis Panel not only detects the causative organisms in given specimen but also provides Ct values and copy numbers (EP values) for each detected pathogen.

- Ct value – indicates the pathogen load; lower Ct reflects higher burden, helping correlate with severity.
- Copy numbers – give semi-quantitative data, useful for monitoring progression or treatment response.

This quantitative insight supports clinical decision-making beyond just “Positive/Negative” especially in:

- Assessing infection severity
- Guiding antimicrobial therapy intensity
- Distinguishing colonization vs active infection
- Tracking patient response over time

By combining rapid detection with pathogen load data, the panel helps clinicians make timely, evidence-based treatment choices in suspected infections.

INFECTO QIAfire RESPIRATORY SARS CoV-2 PANEL

Influenza-like illnesses aren't just caused by influenza viruses. There are many possible bacterial and viral causes that result in similar, overlapping symptoms. As a result, diagnosing respiratory infections using traditional methods can be slow and challenging. Imagine getting 23 results in about an hour. Powered by our easy workflow and reliable multiplex PCR technology, the QIAstat-Dx Respiratory SARS-CoV-2 Panel makes this possible.



PRINCIPLE/METHOD: QIA stat - DX Analyzer

SPECIMEN: Throat Swab/Nasal Swab

TAT: 24hrs

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Viral: SARS-CoV-2, Influenza A, Influenza A subtype H1N1/2009, Influenza A subtype H1N1, Influenza A subtype H3N2, Influenza B, Coronavirus 229E, Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, Parainfluenza virus 1, Parainfluenza virus 2, Parainfluenza virus 3, Parainfluenza virus 4, Adenovirus, Respiratory syncytial virus A/B, Human metapneumovirus A/B, Bocavirus, Rhinovirus/Enterovirus.

Bacterial: Mycoplasma pneumoniae, Legionella pneumophila, Bordetella pertussis, Chlamydia pneumoniae.

INFECTO QIAfire MENINGITIS PANEL

Meningitis and encephalitis are medical emergencies. Rapid diagnosis and treatment initiation are crucial for successful patient outcomes. Traditional diagnostic methods alone involve multiple time-consuming tests and can take 2 days or more. With the QIAstat-Dx Meningitis Panel, you can get results for 15 pathogens in a little over an hour. This faster approach, used in combination with traditional methods, can increase diagnostic yield, quickly inform treatment decisions and ultimately help prevent long-term complications and save lives.



PRINCIPLE/METHOD: QIA stat - DX Analyzer

SPECIMEN: CSF

TAT: 24hrs

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Bacterial: Escherichia coli K1, Haemophilus influenzae, Listeria monocytogenes, Neisseria meningitidis(encapsulated), Streptococcus agalactiae, Streptococcus pneumoniae, Mycoplasma pneumoniae, Streptococcus pyogenes.

Viral: Enterovirus, Herpes simplex virus 1, Herpes simplex virus 2, Human herpes virus 6, Human parechovirus, Varicella zoster virus.

Fungal: Cryptococcus neoformans/gattii

INFECTO QIAfire GASTROENTERITIS PANEL - 2

Diagnosing GI infections using traditional methods often involves many time-consuming tests that require specific expertise, including stool culture and microscopy. As a result, the time to diagnosis may be 1–2 days or more and the diagnostic yield is often too low. In contrast, the QIAstat-Dx Gastrointestinal Panel 2 provides results for 22 pathogens in around an hour. This faster, more sensitive approach can significantly improve diagnostic yield, improve patient management and support antimicrobial stewardship efforts.

PRINCIPLE/METHOD: QIA stat - DX Analyzer

SPECIMEN: Stool Sample in Cary Blair Medium

TAT: 24hrs

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Bacterial: Campylobacter (*C. jejuni*, *C. upsaliensis*, *C. coli*), Clostridium difficile (toxin A/B), Enteraggregative *E. coli* (EAEC), Enteroinvasive *E. coli* (EIEC)/Shigella, Enteropathogenic *E. coli* (EPEC), Enterotoxigenic *E. coli* (ETEC) lt/st, Plesiomonas shigelloides, Salmonella spp, Shiga-like toxin-producing *E. coli* (STEC) stx1/stx2* (including specific identification of *E. coli* O157 serogroup within STEC), Vibrio vulnificus, Vibrio parahaemolyticus, Vibrio cholerae, Yersinia enterocolitica.

Viral: Adenovirus F40/41, Astrovirus, Norovirus (GI, GII), Rotavirus A, Sapovirus (GI, GII, GIV, GV).

Parasitic: Cryptosporidium, Cyclospora cayetanensis, Entamoeba histolytica, Giardia lamblia.



HI-END PLATFORMS

TOP NOTCH TECH WE UTILIZE

01

MULTIPLEX PCR



02

MULTIPLEX REAL TIME
POLYMERASE
CHAIN REACTION (RT-PCR)



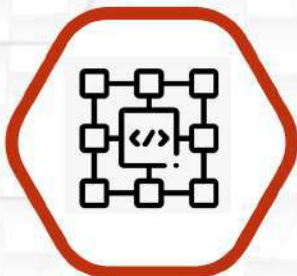
03

QIAstat Dx ASSAY



04

VERIFLEX TECHNOLOGY



BIO-RAD CFX OPUS 96 RT-PCR



HI-TECHNOLOGY
WE USE



ZYBIO EXTRACTOR



BIO-RAD CFX 96 RT-PCR



QIAGEN-DX ANALYZER 2.0



THERMO FISHER SCIENTIFIC-QUANT STUDIO 5

QIASTAT-Dx US



BIO FIRE

Insightful Science For Better Cure

**ADDRESS:**

7-1-246/95, 1st Floor, Opposite Nature Cure Hospital,
MMTS Road, Balkampet, Hyderabad, Telangana-500016.

