



St. Jude Laboratories LLC

Clinical Laboratory Innovations for Personalized Medicine



Clinical
Laboratory
Improvement
Amendments



A Full Spectrum Diagnostic Laboratory



OFFERING **COVID-19** RT-PCR
RAPID ANTIGEN & ANTIBODY TESTING

INNOVATIVE DIAGNOSTIC TESTING TO ENHANCE PATIENT CARE

St. Jude Laboratories is a high complexity CLIA & CAP certified lab based in Columbia, Maryland. We are a specialized Molecular PCR and Genetic testing lab offering high throughput COVID-19 PCR testing as well.

We'll send everything you need, including collection supplies, collection staff, shipping material & logistics handling. We offer the fastest turnaround time for COVID-19 PCR testing. Same day results for Maryland & 24-36 hours for out of state testing.

CORE LABORATORY SERVICES UNDER ONE ROOF

MOLECULAR PCR TESTING

New and advanced PCR technologies allow our laboratory professionals to rapidly gather therapy-relevant molecular information.

COVID-19 TESTING

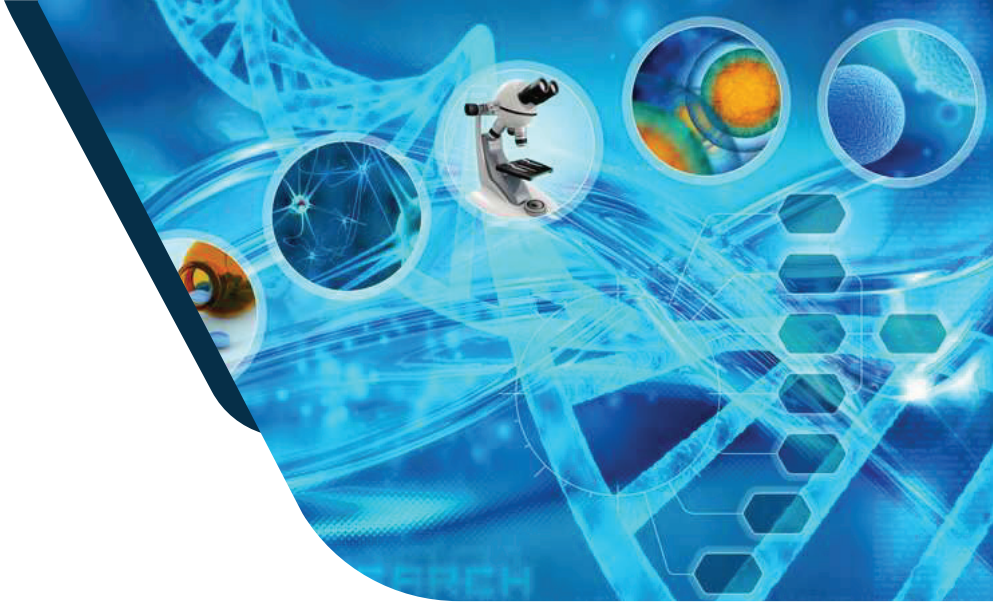
We offer all three COVID-19 tests: RT-PCR testing, Rapid Antigen testing and Antibody testing with fast turnaround time. PCR testing is the gold standard in molecular diagnostics enabling high accuracy, and, thus effective diagnosis and treatment.

GENETIC TESTING

We offer hereditary cancer panels like BRCA1/BRCA2 genetic testing panel and a 36 multigene cancer panel that tests for 10 different types of cancers. We are adding more panels to our genetic testing menu.



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WHY SHOULD YOU CHOOSE ST. JUDE LABORATORIES

We are committed to remaining on the cutting-edge of diagnostic medicine, continuously advancing our testing capabilities by introducing the most advanced and comprehensive techniques. Our end-to-end services are designed for the benefit of clinicians and patients resulting in accurate, effective, and timely diagnosis.

- Fastest turnaround time in the industry.
- Provider/Patient Help desk available.
- Most varied in network payer mix/cash options availability.
- Seamless end-to-end logistics for specimen handling.
- EMR/EHR Integrations achieved in fast TAT.
- Dedicated account managers.
- Direct access to experienced scientific staff at the lab.
- Ability to drop-ship for Telemedicine and remote patients.



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THE UNIQUENESS THAT ST. JUDE LABS BRINGS TO THE LAB WORLD

St. Jude Labs is a division of Bikham Healthcare, a Healthcare IT services company with over 18 years of experience in multi-specialty Revenue Cycle Management (RCM), Medical Billing, and Provider/Payer Credentialing.

- Multi-specialty billing & credentialing.
- Expert in-house coding team helps reduce denials by 20%.
- Accounts receivable follow-up.
- Denial management & appeals.
- Procuring hard to get insurance contracts.
- Patient & provider help desk.
- EMR/EHR integrations with our lab information system.
- To ensure national coverage for maximum reimbursement, St. Jude Labs has applied to over 400 health plans for contracting. Our aim is to procure and consolidate the most varied payor network nationwide.
- Our easy-to-use cloud-based billing software is shared with provider's offices for overall transparency, easy uploading of requisition forms, and access to lab reports. We can work with the providers' existing billing software as well.
- Three-tier auditing protocol to ensure that patients do not get any unnecessary bills. We simply bill patients for their co-pays and deductibles, and always consult provider offices before sending any patient statements.

ST. JUDE LABS' MOLECULAR DIAGNOSTIC PANELS

By using molecular diagnostics, St. Jude Labs can identify the pathogens by specific genetic markers. We also look at specific genetic codes that can lead to drug resistance marker profile. Unlike many conventional laboratory tests, molecular genetic testing provides exceptional and provide the drug resistance specificity and accuracy, leading to timely diagnosis and effective, personalized treatments.

At St. Jude Labs, we are experts at infectious diseases and molecular techniques.

Upper Respiratory Panel

Viral Targets:

Coronavirus HKU1
Coronavirus NL63
Coronavirus 229E
Coronavirus OC43
Human Metapneumovirus A/B
Human Rhinovirus
Human Enterovirus
Influenza A, B, C
Influenza A/H1-20G9
Parainfluenza Virus 1,2,3,4
Respiratory Syncytial Virus
A/B Adenovirus
Bocavirus
Parechovirus

Bacterial Targets:

Mycoplasma pneumoniae
Chlamydia pneumoniae
Streptococcus pneumoniae
Klebsiella pneumoniae
Legionella-Haemophilus
influenzae B<
Staphylococcus aureus
Reflex to MRSA
Salmonella Spp
Moraxella catarrhalis
Bordetella Spp
Haemophilus influenzae

Fungal Targets:

Pneumocystis Jirovecii (F)

UTI Panel

Pathogens Detected:

E.Coli
Staphylococcus aureus
Staphylococcus Saprophyticus
Enterococcus faecalis
Ureaplasma urealyticum
Mycoplasma hominis
Candida Species
Proteus Mirabilis
Klebsiella Pneumoniae
Morganella morganii
Serratia Marescens
Klebsiella oxytoca
Enterobacter cloacae
Providencia Stuartii
Psuedomonas Aeruginosa
Streptococcus Agalactiae
'Resistance Markers'

RSV Combo Panel

Pathogens Detected:

Respiratory Syncytial Virus A
Respiratory Syncytial Virus B
COVID-19
Influenza A
Influenza B

Women's Health Panel

Pathogens Detected:

Bacteroides fragilis
Mycoplasma hominis
Mobiluncus curtisii & mulieris
Ureaplasma urealyticum
Prevotella bivia
Enterococcus faecalis
Candida species (Candida albicans, Candida glabrata, Candida krusei, Candida parapsilosis, Candida tropical)
Reflex to MRSA
Streptococcus agalactiae (GBS)
Escherichia coli
Trichomonas vaginalis
Atopobium vaginae
BVAB2
L.crispatus/gasseri/iners/jensen
Megasphaera 1 & 2
Atopobium Vaginae
Gardnerella Vaginalis
Staphylococcus Aureus



ST. JUDE LABS' MOLECULAR DIAGNOSTIC PANELS

Wound Panel

Pathogens Detected:	
Acinetobacter baumannii	OXA-48
Bacteroides fragilis	NDM
Clostridium perfringens	KPC
Citrobacter freundii	IMP-16
Corynebacterium striatum	OXA-72
Enterobacter aerogenes	OXA-58
Enterobacter cloacae	blaOXA-48
Enterococcus faecium	ermB
Enterococcus faecalis	VIM
Escherichia coli	MP-7
Fingoldia magna	OXA-23
Klebsiella oxytoca	IOXA-40
Klebsiella pneumoniae	OXA-48
Morganella morganii	NDM
Peptostreptococcus spp.	KPC
Prevotella spp	IMP-16
Pseudomonas aeruginosa	OXA-72
Salmonella enterica	OXA-58
Serratia marcescens	blaOXA-48
Staphylococcus aureus	TEM
Staphylococcus epidermidis	SHV
Streptococcus agalactiae	CTX-M Group 1
Streptococcus pneumoniae	CTX-M Group 2
Streptococcus pyogens	CTX-M Group 8
VIRUS	CTX-M Group 9
Varicella zoster virus (HHV3)	CTX-M Group 25
FUNGI	ermA
Candida spp	ermB
	ermC
Resistance Markers:	
ampC	mecA (MRSA)
blaSHV-5	QnrA
VIM	QnrB
IMP-7	tetM
OXA-23	VanA1
OXA-40	VanA2
	VanB

Gastroenteritis Panel

Pathogens Detected:	
Bacterial Gastroenteritis	
Campylobacter spp.	
Clostridium difficile	
Verotoxin positive E. coli	
Enteroinvasive E. coli	
Enteropathogenic E. coli	
Salmonella spp.	
Shigella spp.	
Yersinia enterocolitica	
Viral Targets	
Norovirus GI, G2	
Adenovirus	
Astrovirus	
Rotavirus	
Sapovirus	
Fungal Targets	
Pneumocystis Jirovecii (F)	
Stool Parasites	
Entamoeba histolytica	
Cryptosporidium spp.	
Giardia lamblia	

STD/STI Panel

Chlamydia Trachomatis
Gardnerella vaginalis
Haemophilus ducreyi
Herpes Simplex 1
Herpes Simplex 2
Mycoplasma Genitalium
Mycoplasma hominis
Neisseria gonorrhoeae
Treponema pallidum
Trichomonas vaginalis
Ureaplasma Urealyticum

Pharyngeal Panel

Adenovirus
Chlamydophila pneumoniae
Coronavirus 229E
Coronavirus HKU1
Coronavirus NL63
Coronavirus OC43
Enterovirus
Influenza A
Influenza B
Mycoplasma pneumoniae
PIV-1
PIV-2
PIV-3
PIV-4
Respiratory Syncytial Virus (A & B)
Rhinovirus
Staphylococcus aureus
Streptococcus agalactiae
Streptococcus dysgalactiae
Streptococcus pyogenes
Streptococcus pneumoniae
Endogenous Control



ST. JUDE LABS' MOLECULAR DIAGNOSTIC PANELS

STANDARD ABR PANEL:

Target	Resistance Antibiotic
Erythromycin Resistance Gene (ermB)	Macrolides, Streptogramins, Lincosamides .
Klebsiella Pneumoniae Carbapenemase (KPC)	Penicillins, Cephalosporins, Carbapenems, Monocyclic Beta-lactams.
Methicillin Resistance (mecA)	Penicillins, Cephalosporins, Carbapenems, Monocyclic Beta-lactams.
Sulaydryl Variable-β-Lactamase (SHV)	Penicillins, Cephalosporins, Carbapenems.
Vancomycin Resistance (Van A)	Glycopeptides
Vancomycin Resistance (Van B)	Glycopeptides



ST. JUDE LABS' GENETIC TESTING PANELS

ONCOLOGY MULTIGENE PANEL

Gene	
APC	MSH3
ATM	MSH6
AXIN2	MUTYH
BARD1	NBN
BMPR1A	NF1
BRCA1	NTHL1
BRCA2	PALB2
BRIP1	PMS2
CDH1	POLD1
CDK4	POLE
CDKN2A	PTEN
CHEK2	RAD51C
DICER1	RAD51D
EPCAM	RECQL
GREM1	SMAD4
HOXB13	SMARCA4
MLH1	STK11
MSH2	TP53

BRCA1/BRCA2 TESTING PANEL


Gene	
BRCA1	
BRCA2	




ST. JUDE LAB'S RESOURCES AND EQUIPMENT

Molecular Equipment



 Thermo Applied Biosystems
Molecular Testing



 Atellica IM Analyzer



 SYSMEX XN-3100



 Urinalysis



 Microscan



 SeqStudio Flex Genetic
Analyzers





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Clinical Laboratory Innovations for Personalized Medicine



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