

# Molecular Diagnostics Laboratory

The Molecular Diagnostics Laboratory was established in 2006 as the first hospital based Molecular Lab in the state. The lab is fully-equipped, and features state of the art instruments and air flow for a DNA-free environment. The Molecular department offers an extensive molecular test menu and uses technologies that produce more accurate, sensitive, and precise results than traditional laboratory methods.

KRMC Molecular testing service provides the following benefits:

- Shorter turnaround times
- Cutting edge test methodologies
- Knowledgeable staff
- Definitive test results for infectious diseases organisms, genetics, thrombophilia and cancer mutations.

Always refer to the KRMC Test Catalog, <http://krmc.testcatalog.org> for current testing information, specimen stability and collection.

**\*\*STAT testing available on a case by case basis.**

TEST	TAT	TEST	TAT
<b>B.pertussis and B. Parapertussis **</b>	Batched (M-F) 12 to 24 hours	<b>Herpes simplex Virus 1, 2 **</b> DERM	Batched Daily (M-F) 12 – 24 hours
<b>Chlamydia Trachomatis (CT)</b>	Batched Daily( M-F) 36 to 48 hours <b>STAT 24/7</b>	<b>HPV – HR Screen and 16/18</b> High Risk	Batched Daily (M-F) 24 - 48 hours
<b>C. difficile Screen</b>	Daily, 4 – 6 hours <b>STAT 24/7</b>	<b>Influenza A &amp; B</b> <b>Respiratory Syncytial Virus (RSV)</b>	Available Daily, 2 – 4 hours <b>STAT 24/7</b>
<b>Factor II (Prothrombin)</b> G2021A	Monday - Friday 4 – 6 hours	<b>Legionella spp.</b>	Batched Daily (M-F) 12 – 24 hours
<b>Factor V Leiden</b>	Monday – Friday 4 – 6 hours	<b>MRSA PCR or</b> MRSA PCR w/reflex culture	Batched Daily (M-F) 12 – 24 hours <b>STAT 24/7</b>
<b>Meningitis – Encephalitis Panel</b>	Available Daily - 2 hours <b>STAT 24/7</b>	<b>MRSA/NARES</b>	Batched Daily (M-F) 24 – 48 hours
Escherichia coli K1, Haemophilus influenza, Listeria monocytogenes, Neisseria meningitides, Streptococcus agalactiae, Cytomegalovirus, Enterovirus, Herpes simplex virus 1, 2 and 6, Human parechovirus, Varicella Zoster virus, Cryptococcus neoformans/gatti		<b>MRSA/SA SSTI</b> Skin/soft tissue infections	Batched Daily (M-F) 12 – 24 hours <b>STAT 24/7</b>
<b>Gastrointestinal Panel, PCR (GIPANEL)</b>	Available Daily - 2 hours	<b>Mycobacterium TB</b> Rifampicin Resistance	Available Daily 2 – 4 hours <b>STAT 24/7</b>
(B) Campylobacter, Clostridium difficile-toxin A/B, Pleisiomonas shigelloides, Salmonella, Vibrio, V.cholerae, Yersinia enterocolitica (V) Adenovirus F 40/41, Astrovirus, Norovirus GI/GII, Rotoavirus A, Sapovirus-I,II,IV,V (D)Shiga-like toxin E.coli, E.coli O157, Shigella/Enteroinvasive E. coli-EIEC (P) Cryptosporidium, Cyclospora cayatanensis, Entamoeba histolytica, Giardia lamblia (more detail test catalog)		<b>Neisseria gonorrhoea (GC)</b>	Batched Daily (M-F) 36 - 48 hours <b>STAT 24/7</b>
<b>Group A Strep, (GAS)</b>	Monday - Sunday 2 to 4 hours	<b>Norovirus GI, II</b>	Available Daily 4 – 6 hours, STAT 24/7
<b>Group B Strep, (GBS)</b>	Batched (M-F) 24 – 36 hours	<b>Respiratory Panel (RP)</b> Adenovirus, Coronavirus 229E, HKU1, NL63, OC43, Influenza A & B, Human Metapneumovirus, parainfluenza 1-4, RSV, Rhinovirus/Enterovirus, Bordetella pertussis, Chlamydia pneumoniae, Mycoplasma pneumoniae	Available Daily, 2 – 4 hours <b>STAT 24/7</b>
<b>Vaginal Pathogen Screen</b>	Batched Daily 24 hours		
<b>Varicella zoster Virus (VZV)</b> Dermal	Batched (M-F), 12 - 24hours		