

**St. David's Medical Center**  
**2018-2019 Laboratory Protocols**

Protocol Order	Protocol Order Components
ABO-RH Type  Cord Blood Newborn Adult	ABO Rh
AFB Culture and Smear	AFB Stain AFB Concentration AFB Culture
ALA Dehydratase & PBG Deaminase	ALA Dehydratase Porphobilinogen Deaminase
ANA Lyzer Panel	ANA ANA Pattern dsDNA Antibody nRNP (U1RNP/snRNP) Antibody IGG Sm Antibody IGG SS-A (RO) Antibody IGG SS-B (LA) Antibody IGG Scl-70 Antibody IGG Centromere Antibody Histone Antibody JO-1 Antibody Thyroid Peroxidase Antibody C3 C4 Rheumatoid Factor IGM
<i>Antiphospholipid Panel</i>	<i>Cardiolipin Antibody IGG</i> <i>Cardiolipin Antibody IGA</i> <i>Cardiolipin Antibody IGM</i> <i>Phosphatidylserine IGG</i> <i>Phosphatidylserine IGA</i> <i>Phosphatidylserine IGM</i>
Arbovirus Antibodies	Eastern Encephalitis IGG Eastern Encephalitis IGM Western Encephalitis IGG Western Encephalitis IGM St. Louis Encephalitis IGG St. Louis Encephalitis IGM California Encephalitis IGG California Encephalitis IGM Powassan IGG Powassan IGM West Nile IGG

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	West Nile IGM
Babesia Antibody	Babesia IgG Babesia IgM
Beta 2 Glycoprotein 1 Antibodies	Beta 2 Glycoprotein 1 IGG Beta 2 Glycoprotein 1 IGM

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BCID Panel ID	Gram Positive ID (culture typing amp probe) times X factor Gram Negative ID (culture typing amp probe) times X factor Yeast ID (culture typing amp probe) times X factor
Bartonella IGG Antibodies	Bartonella Henselae IGG Bartonella Quintana IGG
BCR-ABL	BCR/ABL1 Major Breakpt BCR/ABL1 Minor Breakpt
Brucella Antibody, CSF	Brucella Ab IGG Brucella Ab IGG
C. Difficile Screen	C. Difficile Toxin AG EIA C. Difficile Ag EIA
Cardiac Enzymes	CK CKMB CKMB Index Tropononin I
Cardiolipin Antibodies	Cardiolipin Antibody IGG Cardiolipin Antibody IGA Cardiolipin Antibody IGM
Celiac Disease Panel	Gliaden Antibody IGA Gliaden Antibody IGG Tissue Transglutaminase IgG Tissue Transglutaminase IgA
Chlamydia Antibody IGG & IGM	Chlamydia Antibody IGG Chlamydia Antibody IGM
<i>Chikungunya ABS, IGG/IGM</i>	<i>Chikungunya IGG</i> <i>Chikungunya IGM</i>
Chromosome Analysis, Bone Marrow	Tissue Culture Chromosome Analysis, Bone Marrow (2) Cytogenetics interp Chromosome Analysis Count 15-20 Cells
Chromosome Analysis, Blood	Tissue Culture Chromosome Analysis, Blood Cytogenetics interp Chromosome Analysis Count 15-20 Cells
Chromosome Analysis, Tissue	Tissue Culture Chromosome Analysis, Tissue Skin or other solid tissue biopsy (2) Cytogenetics interp

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	Chromosome Analysis, Addtl Karotypes
Coag Profile	Prothrombin Time aPTT

Protocol Order	Protocol Order Components
Code Panel	Arterial Blood Gas Arterial Sodium Arterial Hemoglobin Arterial Hematocrit Arterial Potassium Arterial Glucose Arterial Ionized Calcium
Cytomegalovirus (CMV) Antibodies	CMV IGG CMV IGM
<i>Coxsackie A Virus Antibody</i>	<i>Coxsackie A-4</i> <i>Coxsackie A-7</i> <i>Coxsackie A-9</i> <i>Coxsackie A-10</i> <i>Coxsackie A-16</i>
Coxsackie B Virus Antibody	Coxsackie B-1 Coxsackie B-2 Coxsackie B-3 Coxsackie B-4 Coxsackie B-5 Coxsackie B-6
Culture and Sensitivity	Gram Stain Culture Identification and Sensitivities
Dengue Fever Antibody	Dengue Antibody IGG Dengue Antibody IGM
Epstein Barr Virus (EBV) Panel	EBV Viral Capsid Antigen IGG EBV Viral Capsid Antigen IGM EBV Nuclear Antigen IGG EBV Early Antigen
Epstein Barr Virus (EBV) Antibodies	EBV Viral Capsid Antigen IGG EBV Viral Capsid Antigen IGM
Echovirus Antibody	Echo Virus Antibody 6 Echo Virus Antibody 7 Echo Virus Antibody 9 Echo Virus Antibody 11

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	Echo Virus Antibody 30
Ehrlichia Chaffensis Antibody	Ehrlichia Chaffensis IGG Ehrlichia Chaffensis IGM
Extractable Nuclear (ENA) Antibodies	RNP Antibody Smith Antibody

Protocol Order	Protocol Order Components
Febrile Agglutinins	Brucella Abortus Salmonella O Para A Salmonella O Para B Salmonella O Group D Salmonella H Para A Salmonella H Para B Salmonella H Group D Rickettsial Antibody, IGG Rickettsial Antibody, IGM Thyphus Group IGG Typhus Group IGM Proteus OX19 Proteus OX2 Proteus OXK
<i>FISH Multiple Myeloma</i>	<i>Cytogen DNA Probe Ea FISH</i> <i>Cytogenetics &amp; Molecular Interp</i> <i>Cytogen IP</i>
Fungal Serology Panel	Aspergillus Antibody Blastomyces Antibody Candida Antibody Coccidiomycosis Antibody Histoplasmosis Antibody
Ganglioside Monosialic Acid Antibody	GM1 Antibody IGG GM1 Antibody IGM
Gliaden Antibody (Anti Gliaden)	Gliaden Antibody IGG Gliaden Antibody IGA
H&H	Hemoglobin Hematocrit
Heavy Metal Screen, Blood	Arsenic Lead Mercury
Heavy Metal Screen, Urine	Arsenic, Urine Lead , Urine Mercury, Urine Cadium, Urine

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	Copper, Urine Zinc, Urine
Helicobacter Pylori Antibody	Helicobacter Pylori Antibody IGG Helicobacter Pylori Antibody IGA Helicobacter Pylori Antibody IGM
HIV Discrimatory Test	HIV-1 Ab HIV-2 Ab

Protocol Order	Protocol Order Components
Herpes Simplex (HSV) Type 1&2 IGG	HSV Type 1 IGG HSV Type 2 IGG
HTLV I&II Antibody	HTLV-I Antibody HTLV-II Antibody
Hypercoaguability Panel	Lupus Anticoagulant Factor V Leiden Anti-Cardiolipin Antibody Prothrombin Gene Mutation Homocysteine
Hypersensitivity Pneumonitis	Thermoactinomyces Vulgaris Micropolyspora Faeni Aspergillus Fumigatis 1 Aspergillus Fumigatis 6 Aureobasidium Pullulans Pigeon Serum Thermoactinomyces Sacchari
<i>IBD Panel</i>	<i>Saccharomyces Cerevisiae IGG</i> <i>Saccharomyces Cerevisiae IGM</i>
IgG Subclasses	IgG Subclass 1 IgG Subclass 2 IgG Subclass 3 IgG Subclass 4
Immunoglobulins	IGG IGA IGM
<i>Immunocomptency Profile</i>	<i>Lymphocyte Count</i> <i>CD3 + T Cells</i> <i>CD19 + B Cells</i>
Influenzae Antibodies	Influenzae A IGG Influenzae A IGM Influenzae B IGG Influenzae B IGM
Influenzae A Antibodies	Influenzae A IGG

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	Influenzae A IGM
Iron Studies	Iron Total Iron Binding Capacity

Protocol Order	Protocol Order Components
i-STAT CG8 i-STAT CG8, Capillary i-STAT CG8, IS Venous	Arterial Blood Gas Arterial Sodium Arterial Potassium Arterial Ionized Calcium Arterial Glucose Arterial Hemoglobin Arterial Hematocrit
Kappa/Lamba Light Chain Ratio	Kappa Light Chain Lamba Light Chain
Legionella Antibody	Legionella Antibody IGG Legionella Antibody IGM
Leishmania Antibody	Leishmania Donovanii IgG Leishmania Donovanii IgM Leishmania Braziliensis IgG Leishmania Braziliensis IgM Leishmania Mexicana IgG Leishmania Mexicana IgM Leishmania Tropica IgG Leishmania Tropica IgM
Lupus Antuocoagulant Profile	Prothrombin Time aPTT aPTT - Lupus Anticoagulant Dilute Viper Venom
<del>Micro albumin Random Urine/Creatinine</del>	<del>Albumin QN Creatinine UR</del>
Mixing Study	PT times X and/or PTT times X
Protocol Order	Protocol Order Components
Motor and Sensory Neuropathy Profile	GM1 Antibody Asialo-GM1 Antibody Mag Antibody IGM SGPG Antibody IGM GD1a Antibody

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	GD1b Antibody Hu Auto Antibody GQ1b Antibody
Multiple Sclerosis Panel	Serum IGG CSF IGG Index CSF IGG Synthesis Albumin Index Oligoclonal Antibody IGG <del>Myelin Basic Protein</del> CSF IGG CSF Albumin Serum Albumin Interpretation
Mumps Antibody	Mumps Antibody IGG Mumps Antibody IGM
Myasthenia Gravis Evaluation	ACHR Bonding Antibody Striational Antibody
Mycoplasma Pneumonia Antibody	Mycoplasma Pneumonia Antibody IGG Mycoplasma Pneumonia Antibody IGM
NEO Panel	Hemoglobin Hematocrit Sodium Potassium Glucose Calium, Ionized
NEO Panel with Arterial Blood Gas	Aterial Blood Gas Arterial Sodium Arterial Hemoglobin Arterial Hematocrit Arterial Potassium Arterial Glucose Arterial Ionized Calcium
OR Gas Panel	Arterial Blood Gas Cooximetry Arterial

Protocol Order	Protocol Order Components
Paraneoplastic Panel, Serum	CA CHNNL BIND AB P/QTYPE COLLAPSIN RMP5 AB FA TIT PURK CELL CYTO AB TR TIT ANTIGLIAL NUC AB FA TIT ANTIGLIAL NUC AB FA TIT

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Platelet Antibody	Platelet Associated Ab IgG Platelet Associated Ab IgM Platelet Antibodies (Screen)
Platelet Inhibition Mapping	Platelet Mapping ADP Platelet Mapping AA Mapping G value
Primidone Panel	Primidone Phenobarbital
Parvo Antibody	Parvo Antibody IGG Parvo Antibody IGM
Parvo Antibody, Amniotic Fluid	Parvo Antibody IGG Parvo Antibody IGM
Pneumococcal Antibodies	<i>Pneumococcal Antibody Type 1</i> <i>Pneumococcal Antibody Type 3</i> <i>Pneumococcal Antibody Type 4</i> <i>Pneumococcal Antibody Type 5</i> <i>Pneumococcal Antibody Type 6</i> <i>Pneumococcal Antibody Type 7</i> <i>Pneumococcal Antibody Type 8</i> <i>Pneumococcal Antibody Type 9N</i> <i>Pneumococcal Antibody Type 9V</i> <i>Pneumococcal Antibody Type P12F</i> <i>Pneumococcal Antibody Type 14</i> <i>Pneumococcal Antibody Type 18C</i> <i>Pneumococcal Antibody Type 19</i> <i>Pneumococcal Antibody Type 23</i>
Polio Antibody	Polio I Virus AB Polio II Virus AB Polio III Virus AB
Prothrombin Antibody	Prothrombin Antibody IGG Prothrombin Antibody IGM
Quadruple Assay	Alpha Fetoprotein Serum Maternal Estriol Total HCG Intact Quant Inhibin A
Respiratory PCR Panel	Viral PCR Bordetella Pertussis PCR Chlamydophila Pneumoniae Mycoplasma Pneumoniae
Rickettsial Panel	Rickettsial Antibody, IGG Rickettsial Antibody, IGM Typhus Group IGG Typhus Group IGM
Saccaromyces Cerevisiae Antibody	Saccaromyces Cerevisiae Antibody IGG



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Protocol Order	Protocol Order Components
	Saccaromyces Cerevisiae Antibody IGA
SDH Bypass with Arterial Blood Gas	Arterial Blood Gas Cooximetry Arterial Arterial Sodium Arterial Potassium Arterial Glucose Arterial Ionized Calcium
Sepsis Panel VBG Sepsis Panel	Arterial Blood Gas Arterial Sodium Arterial Hemoglobin Arterial Hematocrit Arterial Potassium Arterial Glucose Arterial Ionized Calcium Arterial Lactic Acid
Serotonin Release Assay, Heparin	Porcine Heparin Low Dose Porcine Heparin High Dose
Sjogren's Antibody	SS-A (RO) Antibody IGG SS-B (LA) Antibody IGG
Stool Culture	Salmonella / Shigella Campylobacter (additional pathogen) E. Coli Shigatoxin Assay
Synovial Fluid Exam (Analysis)	Viscosity Fibrin Mucin Crystals Cell Count & Differential
Synovial Fluid Profile	Cell Count & Differential Crystals Specific Gravity Total Protein, Body Fluid Glucose, Body Fluid Uric Acid, Body Fluid
TAU/Amyloid Beta 42	14-3-3 AG TAU AB 42
Thyroglobulin Panel	Thyroglobulin AB Thyroglobulin, Quant
Thromboelastography, Citrate	Fibrinolysis, TEG ACT Platelet Aggregation

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Protocol Order	Protocol Order Components
Thromboelastography, Rapid	Fibrinolysis, TEG ACT Platelet Aggregation
Thromboelastography, Whole Blood	Fibrinolysis, TEG ACT Platelet Aggregation
Thromboelastography, Citrate with Mapping	Fibrinolysis, TEG ACT Platelet Aggregation Platelet Map ADP Platelet Map AA
Torch Panel	HSV I IGG HSV II IGG CMV Antibody Toxoplasmosis Antibody Rubella Antibody IGG
Toxoplasmosis Antibody	Toxoplasma Antibody IgG Toxoplasma Antibody IgM
Transfusion Order	Type Screen If not done, within 72 hours
Triple Assay	Alpha-fetoprotein, serum Estriol HCG, Quant
Typhus Antibody	Typhus Antibody IGG Typhus Antibody IGM
Urine Protein Ratio	Total Protein,, Ranodm Urine Creatinine, Random Urine
VAP Cholesterol	LDL Cholesterol NMR Lipoprotein Subclass Triglycerides
Varicella-Zoster Antibody	Varicella-Zoster Antibody IGG Varicella-Zoster Antibody IGM
Venoms IGE Panel	Honey Bee, Allergen Yellow Jacket, Allergen Paper Wasp, Allergen White Faced Hornet, Allergen Fire Ant, Allergen Yellow Hornet, Allergen

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Von Willebrand Panel	Factor 8 Von Willebrand Von Willebrand Factor Antigen Von Willebrand Ristocetin
West Nile Panel	Encep West Nile Ab, IgG Encep West Nile Ab, IgM

Protocol Order	Protocol Order Components
West Nile Panel, CSF	Encep West Nile Ab, IgG CSF Encep West Nile Ab, IgM CSF

**Heart Hospital of Austin  
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Protocol Order	Protocol Order Components
ABG PLUS /VBG PLUS	Arterial/Venous Blood Gas Arterial/Venous Sodium Arterial/Venous Hemoglobin Arterial/Venous Potassium Arterial/Venous Chloride Arterial/Venous Glucose Arterial/Venous Ionized Calcium Arterial/Venous Oxyhemoglobin Arterial/Venous Carbon Monoxide % Arterial/Venous Methemoglobin Arterial/Venous O2 Content
ABO-RH Type (Cord Blood/Newborn/Adult)	ABO Rh
AFB Culture	AFB Stain AFB Culture
Amylase Isoenzymes	Salivary Amylase Pancreatic Amylase Total Amylase
Anti Neutrophil Cytoplasmic Antibodies	p-ANCA c-ANCA Atypical p-ANCA
Antinuclear Antibodies (ANA) Comprehensive Profile	ANA Anti-DNA (DS) Ab Qn RNP Antibodies Smith Antibodies Antiscleroderma-70 Antibodies Sjorgen's Anti-SS-A Sjorgen's Anti-SS-B Antichromatin Antibodies Anti-Jo-1 Anti-Centromere B Antibodies
Antiphosphatidylserine Antibodies	Antiphosphatidylserine, IgA Antiphosphatidylserine, IgG Antiphosphatidylserine, IgM
Babesia microti Antibodies	Babesia IgG Babesia IgM
Beta 2 Glycoprotein 1 Antibodies	Beta 2 Glycoprotein 1 IGG Beta 2 Glycoprotein 1 IGM
Bartonella Antibody Profile	Bartonella henselae IGG Bartonella henselae IGM Bartonella Quintana IGG Bartonella Quintana IGM
BCR-ABL	BCR/ABL1 Major Breakpt BCR/ABL1 Minor Breakpt
Brucella Antibody, Serum or CSF	Brucella Antibody IGG Brucella Antibody IGM
Cardiac Output Mixed Venous Blood Gas	Blood Gas Hemoglobin
Cardiac Profile	CK CK-MB Troponin I Ck/MB index
Cardiolipin Antibodies	Cardiolipin Antibody IGG Cardiolipin Antibody IGA Cardiolipin Antibody IGM
Carnitine	Carnitine, Total Carnitine, Free
Catecholamines, Fractionated, Urinary Free	Urinary epinephrine Urinary norepinephrine Urinary dopamine Creatinine, urine
Celiac Disease Panel	Gliaden Antibody IGA Gliaden Antibody IGG Tissue Transglutaminase IgG Tissue Transglutaminase IgA Serum IgA Quantitation
Chromosome Analysis, Bone Marrow	Tissue Culture Chromosome Analysis, Bone Marrow (2) Cytogenetics interp Chromosome Analysis Count 15-20 Cells
Chromosome Analysis, Blood	Tissue Culture Chromosome Analysis, Blood Cytogenetics interp Chromosome Analysis Count 15-20 Cells
Chromosome Analysis, High Resolution	Tissue Culture Chromosome Analysis, Blood (2) Chromosome Analysis Count 15-20 Cells Additional High Resolution Study (2) Chromosome Analysis, Addtl Karotypes Cytogenetics interp
Chromosome Analysis, Tissue	Tissue Culture Chromosome Analysis, Tissue Skin or other solid tissue biopsy (2) Cytogenetics interp

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Protocol Order	Protocol Order Components
	Chromosome Analysis, Addtl Karotypes
CK, Isoenzymes	CK, total CK isoenzymes (BB, MB and MM)
Code Panel	Arterial Blood Gas Arterial Sodium Arterial Hemoglobin Arterial Hematocrit Arterial Glucose Arterial Ionized Calcium
Cytomegalovirus (CMV) Antibodies	CMV IGG CMV IGM
Congenital Adrenal Hyperplasia Pediatric Profile	17- $\alpha$ -hydroxyprogesterone Androstenedione Cortisol, LCMS Dehydroepiandrosterone Deoxycorticosterone 11-deoxycortisol 17-OH pregnenolone, MS Progesterone Specific compound S Testosterone, total
Coxsackie A Virus Antibody Profile	Coxsackie A serotype A7 Coxsackie A serotype A9 Coxsackie A serotype A16 Coxsackie A serotype A24
Coxsackie B Virus Antibody	Coxsackie B-1 Coxsackie B-2 Coxsackie B-3 Coxsackie B-4 Coxsackie B-5 Coxsackie B-6
CSF Panel / EDCSF	Hold tube #1 CSF protein and glucose Tube #2 Culture and Gram stain Tube #3 Cell Count and Diff if applicable on Tube#4
Culture and Sensitivity	Gram Stain Culture Identification and Sensitivities
Cystic Fibrosis Screen	Cystic Fibrosis Common Variants
Epstein Barr Virus (EBV) Acute Infection Antibodies Profile	EBV Viral Capsid Antigen IGG EBV Viral Capsid Antigen IGM EBV Nuclear Antigen IGG EBV Early Antigen IGG
Epstein Barr Virus (EBV) Antibodies	EBV Viral Capsid Antigen IGG EBV Viral Capsid Antigen IGM
Ehrlichia Antibody	Ehrlichia Chaffensis IGG Ehrlichia Chaffensis IGM Human granulocytic ehrlichiosis, IGG and IGM Human monocytic ehrlichiosis, IGG and IGM
Extractable Nuclear (ENA) Antibodies	RNP Antibody Smith Antibody
Febrile Antibody Profile	Brucella spp IGG Brucella spp IGM Rickettsial Antibody, IGG Rickettsial Antibody, IGM Typhus Group IGG Typhus Group IGM
Factor V Leiden	Fac5 Gene Leiden Variant
Folate, RBC	RBC folate Hematocrit
Fungal Serology Panel	Aspergillus Antibody (X3) Blastomyces Antibody Coccidioides Antibody Histoplasma Antibody
Gliadin Antibody	Gliadin Antibody IGG Gliadin Antibody IGA
Hemochromatosis Gene PCR	HFE Common Variants
Hepatitis C Virus Genotype	Hep C Genotype
H&H	Hemoglobin Hematocrit
Heavy Metal Screen, Blood	Arsenic Lead Mercury
Heavy Metal Screen, Urine	Arsenic (total), Urine Arsenic (inorganic), Urine Creatinine, urine Lead , Urine Mercury, Urine Cadmium, Urine
Helicobacter Pylori Antibodies	Helicobacter Pylori Antibody IGG

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Protocol Order	Protocol Order Components
	Helicobacter Pylori Antibody IGA Helicobacter Pylori Antibody IGM
Herpes Simplex (HSV) Type 1&2 IGG	HSV Type 1 IGG HSV Type 2 IGG
HSV By PCR	HSV 1 by PCR HSV 2 by PCR
HTLV I&II Antibody	HTLV-I Antibody HTLV-II Antibody
Hypercoaguability Panel	Lupus Anticoagulant Factor V Leiden Anti-Cardiolipin Antibody Prothrombin Gene Mutation Homocysteine
Hypersensitivity Pneumonitis	Thermoactinomyces Vulgaris Thermoactinomyces sacchari Micropolyspora Faeni Aspergillus Fumigatis 4 Aureobasidium Pullulans Pigeon Serum
Immunofixation, serum	IGA IGG IGM Interpretation of heavy- and light- chain patterns
Immunoglobulins	IGG IGA IGM
Influenza Antibodies	Influenza A Antibody Influenza B Antibody
<i>Influenza A/B PCR</i>	<i>Influenza A PCR</i> <i>Influenza B PCR</i>
Iron Studies	Iron Total Iron Binding Capacity % IRON SATURATION
Kappa/Lamba Light Chain Ratio	Kappa Light Chain Lambda Light Chain Kappa/Lambda Calculated Ratio
Legionella Antibody	Legionella Antibody Serogroups 1-6
Leishmania Antibody	Leishmania Donovanii IgG Leishmania Donovanii IgM Leishmania Braziliensis IgG Leishmania Braziliensis IgM Leishmania Mexicana IgG Leishmania Mexicana IgM Leishmania Tropica IgG Leishmania Tropica IgM
Lyme Disease Antibodies	Lyme IgG Lyme Total
<i>Meningitis Panel, PCR</i>	<i>Haemophilus influenzae, PCR</i> <i>Escherichia coli K1, PCR</i> <i>Listeria monocytogenes, PCR</i> <i>Neisseria meningitis, PCR</i> <i>Streptococcus agalactiae, PCR</i> <i>S. pneumoniae, PCR</i> <i>Cytomegalovirus, PCR</i> <i>Enterovirus meningitis, PCR</i> <i>HSV-1, PCR</i> <i>HSV-2, PCR</i> <i>Human herpes virus 6, PCR</i> <i>Human parechovirus, PCR</i> <i>Varicella zoster virus, PCR</i> <i>Cryptococcus neoformans/gattii, PCR</i>
Microalbumin Random Urine/Creatinine	Microalbumin, urine Creatinine, urine
Mixing Study	PT times X and/or PTT times X
MTHFR Mutation	MTHFR Common Variants
Multiple Sclerosis Panel	Serum IGG CSF IGG Index CSF IGG/Albumin Ratio CSF IGG Synthesis Oligoclonal Banding Myelin Basic Protein CSF IGG CSF Albumin Serum Albumin Interpretation
Mumps Antibody	Mumps Antibody IGG Mumps Antibody IGM
Myasthenia Gravis Evaluation	ACHR Binding Antibody Striational Antibody

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Protocol Order	Protocol Order Components
Mycoplasma Pneumonia Antibody	Mycoplasma Pneumonia Antibody IGG Mycoplasma Pneumonia Antibody IGM
Platelet Inhibition Mapping	Platelet Mapping ADP Platelet Mapping AA Mapping G value
Primidone Panel	Primidone Phenobarbital
Parvo Antibody	Parvo Antibody IGG Parvo Antibody IGM
Pneumococcal Immunity Profile	Pneumococcal Antibody PS-4 Pneumococcal Antibody PS-14 Pneumococcal Antibody PS-19 Pneumococcal Antibody PS-23 Pneumococcal Antibody PS-26 Pneumococcal Antibody PS-56 Pneumococcal Antibody PS-68
Protein Electrophoresis, Serum	Total Protein, Serum Protein Electrophoresis w/ M-Spike quantitation (if present)
Protein Electrophoresis, Urine	Total Protein, Urine Protein Electrophoresis w/ M-Spike quantitation (if present)
Protein S-Antigen	Protein S, Total Protein S, Free
Polio Antibody	Polio I Virus AB Polio II Virus AB Polio III Virus AB
Prothrombin Antibody	Prothrombin Antibody IGG Prothrombin Antibody IGM
Prothrombin Gene Mutation Rickettsial Panel Saccharomyces Cerevisiae Antibody	Factor II gene mutation See Febrile Antibody Profile Saccharomyces Cerevisiae Antibody IGG Saccharomyces Cerevisiae Antibody IGA
<i>Respiratory Panel PCR</i>	<i>Viral PCR</i> <i>Bordetella pertussis</i> <i>Chlamydomphila pneumoniae</i> <i>Mycoplasma pneumonia</i>
SDH Bypass with Arterial Blood Gas	Arterial Blood Gas Cooximetry Arterial Arterial Sodium Arterial Potassium Arterial Glucose Arterial Ionized Calcium
Sepsis Panel ABG/VBG Sepsis Panel	Arterial Blood Gas Arterial Sodium Arterial Hemoglobin Arterial Potassium Arterial Glucose Arterial Ionized Calcium Arterial Lactic Acid
Serotonin Release Assay, Heparin	Porcine Heparin Low Dose Porcine Heparin High Dose Porcine Interpretation
Sjogren's Antibody	SS-A (RO) Antibody IGG SS-B (LA) Antibody IGG
Stool Culture	Salmonella / Shigella Campylobacter (possible additional pathogen)
TEG with platelet Mapping	Fibrinolysis, TEG ACT Platelet Aggregation Platelet Mapping ADP Platelet Mapping AA Mapping G value
Thromboelastography, Citrate	Fibrinolysis, TEG ACT Platelet Aggregation
Thromboelastography, Whole Blood	Fibrinolysis, TEG ACT Platelet Aggregation
Thyroid Panel	T4, Free TSH Thyroid Stimulating Hormone
Torch Panel Prenatal Infectious Disease Antibodies, IGG	HSV I IGG HSV II IGG CMV Antibody Toxoplasmosis Antibody Rubella Antibody IGG
Toxoplasmosis Antibody	Toxoplasma Antibody IgG Toxoplasma Antibody IgM
Transfusion Order	ABO/Rh Type Antibody Screen If not done within 72 hrs
Typhus Antibody	See Febrile Antibody Profile

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Protocol Order	Protocol Order Components
Urien Protein Ratio	Total Protein, Random Urine Creatinine, Random Urine
Varicella-Zoster Antibody	Varicella-Zoster Antibody IGG Varicella-Zoster Antibody IGM
Venoms IGE Panel	Honey Bee, Allergen Yellow Jacket, Allergen Paper Wasp, Allergen White Faced Hornet, Allergen Bumblebee, Allergen Yellow Hornet, Allergen
Von Willebrand Panel	Factor 8 Von Willebrand Factor Antigen Von Willebrand Factor Activity
West Nile Virus Antibody	West Nile Virus IgG West Nile Virus IgM

\* Note: Other panels may be requested as defined by the reference laboratory.



**St. Davids Georgetown Hospital  
2018 Laboratory Protocols**

<b>Protocol Order</b>	<b>Protocol Order Components</b>
ABO-RH Type Cord Blood Newborn Adult	ABO Rh
Achondroplasia Analysis	Achondroplasia Isolation Achondroplasia Amplification Achondroplasia Extraction Achondroplasia Molecular Dot (3) Achondroplasia Probes (3)
Alpha Globin Gene Analysis	Molecular Extraction Molecular Enzyme Digestion (3) Molecular Separation (7) Molecular Acid Probe (2) Molecular Acid Transfer (2) Molecular Amplification Multiplex Molecular Interpretation and Report
ALA Dehydratase & PBG Deaminase	ALA Dehydratase Porphobilinogen Deaminase
Amylase Isoenzymes	Salivary Amylase Pancreatic Amylase Total Amylase
ANA Lyzer Panel	ANA ANA Pattern dsDNA Antibody nRNP (U1RNP/snRNP) Antibody IGG Sm Antibody IGG SS-A (RO) Antibody IGG SS-B (LA) Antibody IGG Scl-70 Antibody IGG Centromere Antibody Histone Antibody JO-1 Antibody Thyroid Peroxidase Antibody C3 C4 Rheumatoid Factor IGM
Arbovirus Antibodies	Eastern Encephalitis IGG Eastern Encephalitis IGM Western Encephalitis IGG Western Encephalitis IGM St. Louis Encephalitis IGG St. Louis Encephalitis IGM California Encephalitis IGG California Encephalitis IGM Powassan IGG Powassan IGM West Nile IGG West Nile IGM
Babesia Antibody	Babesia IgG Babesia IgM
Bacterial Antigen Panel	H. Flu Meningitis Antigen E. Coli Meningitis Antigen N. Meningitis Antigen S. Pneumo Meningitis Antigen Group B Strep Meningitis Antigen
Beta 2 Glycoprotein 1 Antibodies	Beta 2 Glycoprotein 1 IGG Beta 2 Glycoprotein 1 IGM
Bartonella IGG Antibodies	Bartonella Henselae IGG Bartonella Quintana IGG
BCR-ABL	Molecular Isolation Molecular Amplification (6)

**St. Davids Georgetown Hospital  
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<b>Protocol Order</b>	<b>Protocol Order Components</b>
	Molecular Gel Separation (3) Molecular Reverse Transcription Molecular Interpretation and Report
Beta Glucosidase	Beta Glucosidase Assay Beta Glucosidase Molecular Report Beta Total Protein Blood Beta Glucuronidase NRS
Blood Culture ID (BCID) by PCR	BCID Panel By PCR: Acinetobacter baumannii Candida albicans Candida glabrata Candida krusei Candida parapsilosis Candida tropicalis Enterobacter cloacae Enterobacter faecalis (with van A/B call) Escherichia coli Haemophilus influenzae Klebsiella oxytoca Klebsiella pneumoniae (with KPC call) Listeria monocytogenes Neisseria meningitidis Proteus mirabilis Pseudomonas aeruginosa Serratia marcescens Staphylococcus aureus (MRSA, with mecA call) Staphylococcus epidermidis (MSSE, no mecA call) Streptococcus agalactiae Streptococcus pneumoniae Streptococcus pyogenes
Bone Marrow Aspiration	CBC and Smear Review Standard Pathology Protocol
Brucella Antibody, CSF	Brucella Antibody IGG Brucella Antibody IGM
Cardiolipin Antibodies	Cardiolipin Antibody IGG Cardiolipin Antibody IGA Cardiolipin Antibody IGM
Carnitine	Carnitine, Total Carnitine, Free Carnitine, Esterified
Celiac Disease Panel	Gliaden Antibody IGA Gliaden Antibody IGG Tissue Transglutaminase IgG Tissue Transglutaminase IgA
Chlamydia Antibody IGG & IGM	Chlamydia Antibody IGG Chlamydia Antibody IGM
Chromosome Analysis, Bone Marrow	Tissue Culture Chromosome Analysis, Bone Marrow (2) Cytogenetics interp Chromosome Analysis Count 15-20 Cells
Chromosome Analysis, Blood	Tissue Culture Chromosome Analysis, Blood Cytogenetics interp Chromosome Analysis Count 15-20 Cells
Chromosome Analysis, Tissue	Tissue Culture Chromosome Analysis, Tissue Skin or other solid tissue biopsy (2) Cytogenetics interp Chromosome Analysis, Addtl Karotypes
Cord Blood WorkUp (Mother Rh Neg or O Pos)	DAT If positive DAT, also ABO/Rh
Cytomegalovirus (CMV) Antibodies	CMV IGG CMV IGM
Coxsackie A Virus Antibody	Coxsackie A-9
Coxsackie B Virus Antibody	Coxsackie B-1

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<b>Protocol Order</b>	<b>Protocol Order Components</b>
	Coxsackie B-2 Coxsackie B-3 Coxsackie B-4 Coxsackie B-5 Coxsackie B-6
Cystic Fibrosis Screen	Molecular Extraction Molecular Dot (30) Molecular Nucleic Acid Probes (45) Molecular Single Amplification (2) Molecular Multiple Amplification Molecular Interpretation and Report
Dengue Fever Antibody	Dengue Antibody IGG Dengue Antibody IGM
Employee (OJI) Source	Hepatitis B surface Ag Hepatitis C Antibody HIV Antibody
Epstein Barr Virus (EBV) Panel	EBV Viral Capsid Antigen IGG EBV Viral Capsid Antigen IGM EBV Nuclear Antigen IGG EBV Early Antigen
Epstein Barr Virus (EBV) Antibodies	EBV Viral Capsid Antigen IGG EBV Viral Capsid Antigen IGM
Echovirus Antibody	Echo Virus Antibody 6 Echo Virus Antibody 7 Echo Virus Antibody 9 Echo Virus Antibody 11 Echo Virus Antibody 30
Ehrlichia Chaffensis Antibody	Ehrlichia Chaffensis IGG Ehrlichia Chaffensis IGM
Extractable Nuclear (ENA) Antibodies	RNP Antibody Smith Antibody
Febrile Agglutinins	Brucella Abortus Salmonella O Para A Salmonella O Para B Salmonella O Group D Salmonella H Para A Salmonella H Para B Salmonella H Group D Rickettsial Antibody, IGG Rickettsial Antibody, IGM Typhus Group IGG Typhus Group IGM <i>Proteus OX19</i> <i>Proteus OX2</i> <i>Proteus OXK</i>
Factor V Leiden	Molecular Amplification (2) Molecular Nucleic Acid Probes (6) Molecular Extraction Molecular Enzyme Digestion Molecular Mutation Scanning Molecular Interpretation and Report
Fresh Frozen Plasma for transfusion	ABO grouping Rh Typing Antibody screening
Fungal Serology Panel	Aspergillus Antibody Blastomyces Antibody Candida Antibody Coccidiomycosis Antibody Histoplasmosis Antibody
Ganglioside Monosialic Acid Antibody	GM1 Antibody IGG GM1 Antibody IGM Asialo GM1 Antibody IGG

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<b>Protocol Order</b>	<b>Protocol Order Components</b>
	Asialo GM1 Antibody IGM
Gastrointestinal GI Panel  * For C. Difficile results, a C. Difficile Screen must be performed. C. Difficile by PCR will only be reported if indicated by screening results.	<b>Bacteria</b> Campylobacter (jejuni, coli and upsaliensis) Clostridium difficile (Toxin A/B)* Plesiomonas shigelloides Salmonella Yersinia enterocolitica Vibrio (parahaemolyticus, vulnificus and cholerae) Vibrio cholerae <b>Diarrhaegenic E. coli/Shigella</b> Enteroaggregative E. coli (EAEC) Enteropathogenic E. coli (EPEC) Enterotoxigenic E. coli (ETEC) lt/st Shiga-like toxin-producing E. coli (STEC) stx1/stx2 E. coli 0157 Shigella/Enteroinvasive E.coli (EIEC) <b>Parasites</b> Cryptosporidium Entamoeba histolytica Cyclospora cayetanensis Giardia lamblia <b>Viruses</b> Adenovirus F40/41 Astrovirus Norovirus GI/GII Rotavirus A Sapovirus (I,II, IV, and V)
Gliaden Antibody (Anti Gliaden)	Gliaden Antibody IGG Gliaden Antibody IGA
Human Chimeric Antibody	Chimeric Antibody Chimeric TNF Antibody
Hemochromatosis Gene PCR	Molecular Extraction Molecular Enzyme Digestion Molecular Single Amplification Molecular Nucleic Acid Probes (4) Molecular Mutation Scanning (2) Molecular Interpretation and Report
Hepatitis C Virus Genotype	Molecular Gel Separation Molecular Single Amplification Molecular Enzyme Digestion Molecular Reverse Transcription (2) Molecular Isolation Molecular Interpretation and Report
H&H	Hemoglobin Hematocrit
Heavy Metal Screen, Blood	Arsenic Lead Mercury
Heavy Metal Screen, Urine	Arsenic, Urine Lead , Urine Mercury, Urine Cadium, Urine Copper, Urine Zinc, Urine
Helicobacter Pylori Antibody	Helicobacter Pylori Antibody IGG Helicobacter Pylori Antibody IGA Helicobacter Pylori Antibody IGM
Herpes Simplex (HSV) Type 1&2 IGG	HSV Type 1 IGG HSV Type 2 IGG
HSV By PCR	HSV 1 by PCR HSV 2 by PCR
HTLV I&II Antibody	HTLV-I Antibody

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<b>Protocol Order</b>	<b>Protocol Order Components</b>
	HTLV-II Antibody
Hydroxyproline, Urine	Hydroxyproline, Free Hydroxyproline, Urine, Total
Hypercoagulability Panel	Lupus Anticoagulant Factor V Leiden Anti-Cardiolipin Antibody Prothrombin Gene Mutation Homocysteine
Hypersensitivity Pneumonitis	Thermoactinomyces Vulgaris Micropolyspora Faeni Aspergillus Fumigatis 1 Aspergillus Fumigatis 6 Aureobasidium Pullulans Pigeon Serum
Immature Platelet Panel	Platelet Count Immature Platelet Fraction
Immunoglobulins	IGG IGA IGM
Influenzae Antibodies	Influenzae A IGG Influenzae A IGM Influenzae B IGG Influenzae B IGM
Influenzae A Antibodies	Influenzae A IGG Influenzae A IGM
Influenzae B Antibodies	Influenzae B IGG Influenzae B IGM
Iron Studies	Iron Total Iron Binding Capacity
i-STAT Chem8	Sodium Potassium Chloride Ionized Calcium CO2 Glucose BUN Creatinine
Kappa/Lambda Light Chain Ratio	Kappa Light Chain Lamba Light Chain
Leukocyte Acid Sphingomyelinase	Sphingomyelinase radioactive substrate Total Protein, Blood Molecular Interpretation and Report
Legionella Antibody	Legionella Antibody IGG Legionella Antibody IGM
Leishmania Antibody	Leishmania Donovanii IgG Leishmania Donovanii IgM Leishmania Braziliensis IgG Leishmania Braziliensis IgM Leishmania Mexicana IgG Leishmania Mexicana IgM Leishmania Tropica IgG Leishmania Tropica IgM
Lupus Anticoagulant Profile	Prothrombin Time aPTT aPTT - Lupus Anticoagulant Dilute Vipor Venom
Meconium Drug Screen	Cocaine QI, Meconium THC Cannabinoids QI, Meconium Opiate QI, Meconium Amphetamine QI, Meconium Methamphetamine QI, Meconium Phencyclidine QI, Meconium

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<b>Protocol Order</b>	<b>Protocol Order Components</b>
	<i>Codeine QI, Meconium</i> <i>Morphine QI, Meconium</i>
Microalbumin Random Urine/Creatinine	Microalbumin QN Creatinine UR
Myelin Basic Protein Antibody	Myelin Basic Protein Antibody IGG Myelin Basic Protein Antibody IGA Myelin Basic Protein Antibody IGM
Mixing Study	PT times X and/or PTT times X
Motor and Sensory Neuropathy Profile	GM1 Antibody Asialo-GM1 Antibody Mag Antibody IGM SGPG Antibody IGM GD1a Antibody GD1b Antibody Hu Auto Antibody GQ1b Antibody
MTHFR Mutation	Molecular Extraction Molecular Enzyme Digestion Molecular Amplification Single Molecular Nucleic Acid Probe Molecular Mutation Scanning Molecular Interpretation and Report
Multiple Sclerosis Panel	Serum IGG CSF IGG Index CSF IGG/Albumin Ratio CSF IGG Synthesis Albumin Index Oligoclonal Antibody IGG Myelin Basic Protein CSF IGG CSF Albumin Serum Albumin Interpretation
Mumps Antibody	Mumps Antibody IGG Mumps Antibody IGM
Myasthenia Gravis Evaluation	ACHR Bonding Antibody Striational Antibody
Mycoplasma Pneumonia Antibody	Mycoplasma Pneumonia Antibody IGG Mycoplasma Pneumonia Antibody IGM
Myotonic Dystrophy Profile	Molecular Extraction Molecular Enzyme Digestion Molecular Separation Molecular Nucleic Acid Probe Molecular Nucleic Acid Transfer Molecular Amplification Single Molecular Interpretation and Report
NEO Panel with Arterial Blood Gas	Arterial Blood Gas Arterial Sodium Arterial Hemoglobin Arterial Hematocrit Arterial Potassium Arterial Glucose Arterial Ionized Calcium
Packed Cell Cross-Match/Transfusion	ABO grouping Rh Typing Screening for unexpected antibodies Compatibility testing Antibody ID when indicated RBC antigen screening when indicated
Platelet Inhibition Mapping	Platelet Mapping ADP Platelet Mapping AA

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<b>Protocol Order</b>	<b>Protocol Order Components</b>
	Platelet Mapping Net Clot Strength Mapping G value
Platelet Panel	Platelet Count Immature Platelet Fraction
Platelet for Transfusion	ABO grouping Rh Typing
Primidone Panel	Primidone Phenobarbital
Parvo Antibody	Parvo Antibody IGG Parvo Antibody IGM
Parvo Antibody, Amniotic Fluid	Parvo Antibody IGG Parvo Antibody IGM
Pneumococcal Antibodies	Pneumococcal Antibody Type 3 Pneumococcal Antibody Type 6 Pneumococcal Antibody Type 14 Pneumococcal Antibody Type 19 Pneumococcal Antibody Type 23
Polio Antibody	Polio I Virus AB Polio II Virus AB Polio III Virus AB
Prothrombin Antibody	Prothrombin Antibody IGG Prothrombin Antibody IGM
Prothrombin Gene Mutation	Molecular Extraction Molecular Nucleic Acid Probe (6) Molecular Mutation Scanning Molecular Mutation Identification Transcription Molecular Enzyme Digestion (2) Molecular Interpretation and Report
PTH-N Terminal	PTH Intact Calcium, PTH Phosphorous, PTH
Quadruple Assay	Alpha Fetoprotein Serum Maternal Estriol Total HCG Intact Quant Inhibin A
Respiratory Panel by PCR	Adenovirus Coronavirus HKU1, NL63, 229E, OC43 Human Metapneumovirus Human Rhinovirus/Enterovirus Influenza A, A/H1, A/H1-2009, A/H3 Influenza B Parainfluenza 1,2,3,4 Respiratory Syncytial Virus Bordetella pertussis Chlamydia pneumoniae Mycoplasma pneumoniae
Reticulocyte Count, Comprehensive	Reticulocyte Absolute Count Reticulocyte % Count Immature Reticulocyte Fraction Reticulocyte Hemoglobin Content (RET-He)
Rickettsial Panel	Rickettsial Antibody, IGG Rickettsial Antibody, IGM Typhus Group IGG Typhus Group IGM
Saccaromyces Cerevisiae Antibody	Saccaromyces Cerevisiae Antibody IGG Saccaromyces Cerevisiae Antibody IGA
Serotonin Release Assay, Heparin	Porcine Heparin Low Dose Porcine Heparin High Dose Porcine Interpretation
Sjogren's Antibody	SS-A (RO) Antibody IGG SS-B (LA) Antibody IGG

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Protocol Order	Protocol Order Components
Synovial Fluid Exam (Analysis)	Viscosity Cell Count & Differential Color Appearance
TAU/Amyloid Beta 42	14-3-3 AG TAU AB 42 Molecular Interpretation and Report
Torch Panel	HSV I IGG HSV II IGG CMV Antibody Toxoplasmosis Antibody Rubella Antibody IGG
Toxoplasmosis Antibody	Toxoplasma Antibody IgG Toxoplasma Antibody IgM
Triple Assay	Alpha-fetoprotein, serum Estril HCG, Quant
Typhus Antibody	Typhus Antibody IGG Typhus Antibody IGM
Urine Drug Screen	PCP Benzodiazapines Cocaine Methadone Amphetamines THC Opiates Barbituates
Urine Protein Ratio	Total Protein,, Ranodm Urine Creatinine, Random Urine
VAP Cholesterol	LDL Cholesterol NMR Lipoprotein Subclass Triglycerides
Varicella-Zoster Antibody	Varicella-Zoster Antibody IGG Varicella-Zoster Antibody IGM
Venoms IGE Panel	Honey Bee, Allergen Yellow Jacket, Allergen Paper Wasp, Allergen White Faced Hornet, Allergen Fire Ant, Allergen Yellow Hornet, Allergen
Von Willebrand Panel	Factor 8 Von Willebrand Von Willebrand Factor Antigen Von Willebrand Ristocetin
<b>MEC 11-8-18</b>	

Director of Laboratory: \_\_\_\_\_

Date: \_\_\_\_\_

Chair of MEC: \_\_\_\_\_

Date: \_\_\_\_\_