

WMC LABORATORY PROTOCOLS
Approved by ECMS 2/6/2020

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
1. ABO & RH	86900 86901	ABO RH	ABO Group RH Type
2. Albumin/Creatinine ratio urine	82043 82570 no/chg	ALBCREATU	Microalbumin Creatinine urine Ratio
3. Allergen Profile Area 9	82785 86003 x23	AREA9	Allergen specific IgE Alternaria alternata; ash, white; Aspergillus fumigatus; Bermuda grass; cat dander; cedar, mountain; Cladosporium herbarum; cockroach, German; cottonwood; Dermatophagoides farinae; Dermatophagoides pteronyssinus; dog dander; elm, American; maple/box elder; mouse urine; nettle; oak, white; Penicillium chrysogenum; ragweed, short; sheep sorrel; thistle, Russian; timothy; white mulberry.
4. Allergen Profile Basic Food	86003 x9 86005	RASTFOOD	Allergen specific IgE Beef; chocolate; corn; egg (whole); milk (cow); peanut; pork; soybean; wheat fish/shell mix;
5. Alkaline Phosphatase, Total and Isoenzyme	84075 84080	ALKPISO	Alkaline Phosphatase, total Alkaline Phosphatase, Isoenzyme
6. Alpha 1 Antitrypsin, Phenotype	82103 82104	A1AP	Total Phenotype
7. Antinuclear antibody comprehensive profile	86039 83516 86225 86235 x6	ANAP	Centromere antibody Chromatin antibody Double stranded DNA antibody JO-1 antibody RNP antibody Scleroderma 70 antibody Smith antibody Sjogren SSA Sjogren SSB
8. Amitriptyline/ Nortriptyline	G0480 no/chg	AMIT	Amitriptyline Nortriptyline
9. Amylase Isoenzyme with Total	82150 x2 no/chg	AMYISO	Amylase pancreatic Amylase salivary Amylase, total
10. Basic metabolic panel with Hemoglobin and Hematocrit – Point of Care	80047 85014 no/chg	METABPOC	Basic metabolic panel with ionized calcium Hematocrit Hemoglobin
11. Beta-2 Glycoprotein I Antibodies	86146 x2	B2GPAB	Betaglycoprotein, IgA Betaglycoprotein, IgG Betaglycoprotein, IgM

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12. Cardiolipin Antibodies, IgG,,IgM	86147 x2	CARDAB	Cardiolipin,IgG Cardiolipin,IgM
13. Clonidine/Arginine evocative testing	83003 x7	CLARGSTIM	Growth hormone
14. Coag DIC Screen	85379 85384 85730 85049 85610	COAGDIC	D-Dimer quantitative Fibrinogen Partial Thromboplastin Platelet count Prothrombin time
15. Drug Induced Immune Hemolytic Anemia New Addition	86850 86860 86880 x4 86970 86971 86975 x2	DIHA	Antibody Screen Antibody Elusion Direct Coombs AHG Pretreat RBC'S Chem Pretreat RBC'S Enz Pretreat serum drugs
16. Drug Screen, Meconium	80307	MECSEND	Amphetamines screen Cannabinoids screen Cocaine and metabolites screen Opiates screen Phencyclidine screen
17. Drug of Abuse Screen, Urine	80307	DRUGAB	Amphetamines screen Barbiturates screen Benzodiazepines screen Cannabinoids screen Cocaine and metabolites screen Methadone Opiates screen Phencyclidine screen
18. Gastric occult blood and pH	82271 83986	GASTOCPH	Occult blood pH
19. GD1a gangliosidase antibody	83520 x2	GD1AAB	IgG IgM
20. Glucagon/Arginine evocative testing	82947 x8 83003 x8	GLCGARGGH GLCGARGHH	Glucose Insulin
21. Glucose Tolerance Test- Gestational, Diagnostic	82951 + 82952	GTPPG	Glucose, Fasting
22. Glucose/insulin tolerance test oral	82951+ 82952 x2 83525 x5	GTTO	Glucose, Fasting After glucola: Glucose, thirty minute Glucose, one hour Glucose, ninety minute Glucose, two hour Insulin
23. Glucose Tolerance Test - Standard	82947 82950	GTT	Glucose, Fasting Glucose, two hour after glucola

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24. Glucose Tolerance Test- hourly	82951 + 82952 each specimen after 3	GTT3 GTT4 GTT5	Glucose, Fasting After glucola: Glucose, thirty minute Glucose, 3-5 hours
25. GM 1 gangliosidase antibody	83520 x 2	GM1AB	IgG and IgM
26. Growth Hormone Stimulation Clonidine/Arginine	83003 x7	CLARGSTIM	Growth Hormone
27. HCV Fibrosure	82172 82247 82977 83010 83883 84460	HCVFIB	Apolipo protein A1 Bilirubin total Gamma GT Haptoglobin Quant Light Chains Kappa/Lambda Neph Alt (SGPT)
28. Heavy Metals Profile, Blood	82175 83655 83825	HEAVYB	Arsenic Lead Mercury
29. Heavy Metals Profile, Urine	82175 83655 83825	HEAVYU	Arsenic Lead Mercury
30. Immunofix Electrophoresis, Serum	84165 86334 82784 x3 no/chg	IFES	Electrophoresis Immunofixation electrophoresis Immunoglobulin A Immunoglobulin G Immunoglobulin M Total protein
31. Immunofix Electrophoresis, Urine	84166 86335	IFEUR or IFEU24	Electrophoresis Immunofixation electrophoresis
32. Immunoglobulin G Subclasses with total	82784 82787 x4	IGGSUB	IgG-Total IgG1 IgG2 IgG3 IgG4
33. Immunoglobulin Synthesis & Index	82040 82042 82784 x2	IGGSYN	Albumin Albumin CSF IgG IgG CSF
34. Immunological Profile	86038 86140 84165 86431 85651 no/chg	IMMSB	ANA C- Reactive protein Protein electrophoresis Rheumatoid Factor Sed Rate Total protein
35. Kappa/Lambda Quantitation	83883 x2	KLQ	Kappa and Lambda
36. Lupus Anticoagulant	85732 85613	LUPA	Silica clotting time Russell Viper diluted
37. Mucopolysaccharides, Urine	82542 83864	MUCOU	Qualitative Quantitative

WMC LABORATORY PROTOCOLS

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
38. Multiple Sclerosis Profile	82040 82042 82784 x2 83916	MSPRO	Albumin Albumin CSF Immunoglobulin G, IgG CSF Oligoclonal bands
39. Neonatal Blood Gas	82803 82947	NBG (NICNBG+ NICGLU)	pH PCO2 PO2 HCO3 Base Excess(calc) O2Saturation(calc) Glucose
40. Neonatal Blood Gas/Chem Profile1	82803 82248 82247 80047	NBGCP1 (NICNBG+ NICMETAB+ BILI)	Blood Gases Bilirubin, conjugated Bilirubin, total Bilirubin, unconjugated(calc) Metabolic Panel Basic, Ionized calcium
41. Neonatal Blood Gas/Chem Profile2	82803 80051 82947 82330	NBGCP2 (NICNBG+ NICGLU+ NICCAION)	Blood Gases Electrolyte Panel Glucose Ionized Calcium
42. Neonatal Chemistry Profile	82248 82977 83735 80053 84100 84478	NEOCHEM (METABC+ BILC+GGT+ PHOS+TRIG+ MAG)	Bilirubin, conjugated Bilirubin, unconjugated(calc) Gamma Glutamyl(GGTP) Magnesium Metabolic Panel, Comprehensive Phosphorus Triglycerides
43. Neonatal Chemistry Profile/ Neonatal Blood Gas	82803 82248 82977 83735 80053 84100 84478	NEOCHEM (NICNBG+ METABC+ BILC+GGT+ PHOS+TRIG MAG)	Blood Gas Bilirubin, conjugated Bilirubin, unconjugated(calc) Gamma Glutamyl(GGTP) Magnesium Metabolic Panel, Comprehensive Phosphorus Triglycerides
44. Neonatal Chem Profile 3	80051 82947 82330	NCP3 (NICLYTES+ NICGLU+ NICCAION)	Electrolyte Panel Glucose Ionized calcium
45. Neonatal Chem Profile 4	82248 82247 80047	NCP4 (NICMETAB+ BILI)	Bilirubin, conjugated Bilirubin, total Bilirubin, unconjugated(calc) Metabolic Panel Basic, Ionized calcium
46. Neonatal Recipient Testing	86900 86901 86880 86850	NEO	ABO Group RH Type Direct Antiglobulin Test Red Cell Antibody Screen

WMC LABORATORY PROTOCOLS

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47. Neonatal screen Not chargeable to patient		NS	Biotinidase Deficiency, Congenital Adrenal Hyperplasia, Congenital Hypothyroidism, Cystic Fibrosis, Galactosemia, Hemoglobinopathy, Amino Acid Disorder, Fatty Acid Disorder, Organic Acid Disorder, SCID
48. Neutrophil Antibody Profile, Level 2	86021 86828	TRALI	Neutrophil antibody HLA Type Antibody Class 1 & 2
49. Neutrophil Cytoplasmic Antibody	86256 x3	ANCA	c-ANCA p-ANCA Atypical ANCA
50. Neutrophil Cytoplasmic Antibody Profile	83520 86256 x3 83520	ANCA PRO	Antimyeloperoxidase Antibody c-ANCA p-ANCA Atypical ANCA Proteinase-3 Antibody
51. Newborn ABO, RH, DAT	86900 86901 86880	NB	ABO Group RH Type Direct Antiglobulin Test
52. Organ Donor Profile	82150 85027 82550 82553 85384 82977 80076 83615 83690 83735 85730 84100 85610 84484	ORGAN	Amylase CBC with differential CK CKMB Fibrinogen Gamma Glutamyl (GGTP) Hepatic Function Panel LDH Lipase Magnesium Partial Thromboplastin Phosphorus Protime Troponin
53. Paraneoplastic Antibody Evaluation, CSF	86255 x9	PANEVALCSF	AGNA-1 Amphiphysin ANNA-1 ANNA-2 ANNA-3 CRMP-5-IgG PCA-1 PCA-2 PCA-Tr

WMC LABORATORY PROTOCOLS

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
54. Paraneoplastic Antibody Evaluation, Serum	83519 x9 83520 86255 x9	PANEVAL	ACh receptor (muscle) binding antibody AChR ganglionic neuronal antibody Neuronal VGKC autoantibody N-type calcium channel antibody P/Q-type calcium channel antibody Striational (striated muscle) antibodies AGNA-1 Amphiphysin ANNA-1 ANNA-2 ANNA-3 CRMP-5-IgG PCA-1 PCA-2 PCA-Tr
55. Paraneoplastic Profile	86255 x2	ANNA	HU antibody RI antibody
56. Paroxysmal nocturnal hemoglobinuria Immunophenotype	88184 88185 x21	PNH	Flow cytometry first marker Flow cytometry additional markers
57. Platelet Antibody	86022 x2 86023	PLTAB	Platelet Antibody Screen Platelet Associated Autoantibody
58. Pregnenolone Stimulation ACTH	84140 x2	PREGNSTIM	Baseline 60 minutes
59. Prostate Specific Antigen, Total and Free	84153 84154	PSATF	Total Percent Free
60. Protein/Creatinine Ratio	82570 84156 no/chg	PROTCREATU	Creatinine, urine Total Protein, urine Ratio
61. Sulfatide autoantibody	83520 x2	SULFAB	IgG IgM
62. T & B Immunophenotype	86356 86360 no/chg 86359 86355 86357	TBIMM	CD 45 CD 3/4 CD 3/8 CD 3 CD 19 CD 16+56 White blood count Lymphocytes %
63. Immunophenotype Leukemia/Lymphoma panel by Flow Cytometry	88184 88185X# 88187 88188 88189	LEULYM	Flow cytometry 1 st marker Each additional marker Varies with each case
64. Testosterone, Free and Total	84402 84403	TESTFT	Testosterone, Free(weakly bound) Testosterone, Total
65. Thiopurine Metabolites	80299	THIOP	6-thioguanine nucleotide 6-methyl mercaptopurine nucleotide

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66. Thrombophilia profile, heart or stroke PANEL IS NOT AVAILABLE TESTS CAN BE ORDERED INDIVIDUALLY	86146 x3 86147 x3 85240 85246 85384 83090 83695 85415 81400 85732 85613	THROMBOA	Betaglycoprotein, IgA Betaglycoprotein, IgG Betaglycoprotein, IgM Cardiolipin,IgA Cardiolipin,IgG Cardiolipin,IgM Factor 8 activity Factor 8 Von Willebrand Antigen Fibrinogen Homocysteine Lipoprotein a Plasminogen Activator Inhibitor Molecular pathology Tier 2 Level 1 (SERPINE1) Silica clotting time Russell Viper diluted
67. Thrombophilia profile, venous or pregnancy PANEL IS NOT AVAILABLE TESTS CAN BE ORDERED INDIVIDUALLY	85300 86146 x3 86147 x3 85240 81240 81241 83090 83695 85415 81400 85303 85306 85732 85613	THROMBOV	Antithrombin activity Betaglycoprotein, IgA Betaglycoprotein, IgG Betaglycoprotein, IgM Cardiolipin,IgA Cardiolipin,IgG Cardiolipin,IgM Factor 8 activity F2 Gene 20210G>A Variant F5 Gene Leiden Variant Homocysteine Lipoprotein a Plasminogen Activator Inhibitor Molecular pathology Tier 2 Level 1 (SERPINE1) Protein C Activity Protein S Antigen Free Silica clotting time Russell Viper diluted
68. Thyroglobulin Quantitative Reflex Profile	84432 86800	THYROGL	Thyroglobulin Thyroglobulin antibodies
69. Thyroglobulin & Microsomal Antibodies	86376 86800	THYROMAB	Microsomal Antibodies Thyroglobulin Antibodies
70. Type and Screen (Recipient Testing)	86900 86901 86850	TS	ABO Group RH Type Red Cell Antibody Screen
71. VonWillebrand Workup	85240 85397 85246	VONVW	Factor 8 Assay Factor 8 Activity Cleaving Protease Factor 8 VW Antigen

WMC LABORATORY PROTOCOLS
MICROBIOLOGY/SEROLOGY Approved by ECMS 2/6/2018

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
72. Acanthamoeba culture	87081 87206	ACAN	Culture Fluorescent stain
73. Anaplasma Phagocytophilum Ehrlichiosis	86666 x2	ANAPLASMA AB	IgG IgM
74. Arbovirus Profile	86651 x2 86652 x2 86653 x2 86654 x2	ARBOAB	California Encephalitis, IgG California Encephalitis, IgM Eastern Equine Encephalitis, IgG Eastern Equine Encephalitis, IgM St. Louis Encephalitis, IgG St. Louis Encephalitis, IgM Western Equine Encephalitis, IgG Western Equine Encephalitis, IgM
75. Aspergillus Antibody	86606 x3	ASPERAB	Aspergillus Flavus Aspergillus Niger Aspergillus Fumigatus
76. Bartonella Antibody Profile	86611 x4	BARTAB	Bartonella Henselae, IgG Bartonella Henselae, IgM Bartonella Quintana, IgG Bartonella Quintana, IgM
77. Borrelia Burgdorferi, Antibodies (Lyme disease)	86618 x2	LYMEAB	Total IgM
78. Borrelia Burgdorferi, CSF	86618 x2	LYMEABCSF	IgG IgM
79. Borrelia Burgdorferi, western blot	86617 x2	LYMEWB	IgG IgM
80. Brucella Antibody	86622 x2	BRUCAB	IgG IgM
81. Chlamydia Antibody Profile	86631 x6 86632 x3	CHLAB	Chlamydia pneumoniae, IgA Chlamydia pneumoniae, IgG Chlamydia pneumoniae, IgM Chlamydia psittaci, IgA Chlamydia psittaci, IgG Chlamydia psittaci, IgM Chlamydia trachomatis, IgA Chlamydia trachomatis, IgG Chlamydia trachomatis, IgM
82. Coxsackie Virus A Antibody	86658 x6	COXAAB	Coxsackie serotypes, 2,4,7,9,10,16
83. Coxsackie Virus B Antibody	86658 x6	COXBAB	Coxsackie serotypes, 1-6
84. Creutzfeldt-Jakob Disease Antigen detection	86317 84182	CJD	Prion Infectious Agent Prion western blot probe
85. CSF Meningitis/Encephalitis Profile	87483	CSFMEPRO	Neisseria meningitides, Streptococcus, pneumo nia, Listeria, Haemophilus influenza, E. coli, Streptococcus agalactiae, Enterovirus, Human parechovirus, Herpes simplex virus type 1 and 2, Human herpes virus 6, Cytomegalovirus, Varicella zoster virus, Cryptococcus
86. Culture, CSF & Gram Stain	87070 87015 87205	CSF	Culture Infectious Agent concentration Gram Stain

**WMC LABORATORY PROTOCOLS
MICROBIOLOGY/SEROLOGY**

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
87. Culture, Legionella & FA	87081 87278	LEGIONELLA	Culture Flourescent antibody stain
88. Culture, Miscellaneous & Gram Stain	87070 87205	MISC	Culture Gram Stain
89. Culture, Respiratory & Gram Stain	87070 87205	RESP	Culture Gram Stain
90. Culture, Sputum & Gram Stain	87070 87205	SPC	Culture Gram Stain
91. Cyclospora and Isospora Smear NEW ADDITION	87206 87177	CYCLOSPX	AFBM/CYCLOSPX OP/CYCLOSPX
92. Dengue Antibody	86790 x2	DENGAB	IgG IgM
93. Echovirus Antibody Profile	86658 x5	ECHOAB	Echovirus serotypes, 4,7,9,11,30
94. Ehrlichia Chaffeensis Antibodies	86666 x2	EHRAB	IgG IgM
95. Employee Incident Panel- Employee (not chargeable to employee)	87806 86706 86803	HIV12AB HBSAB HCVAB	HIV1 & 2 Antibody HIV P24 Antigen Hepatitis B Surface Antibody Hepatitis C Antibody
96. Employee Incident Panel- Patient (not chargeable to patient)	87806 87340 86803	EMPINCP	HIV 1 & 2 Antibody HIV P24 Antigen Hepatitis B Surface Antigen Hepatitis C Antibody
97. Epstein Barr Virus, Acute	86665 x2	EBVAB	EBV IgG VCA EBV IgM VCA
98. Epstein Barr Virus, Early & Nuclear Antigen	86663 86665 x2 86664	EBVCAB	EBV Early Antigen, diffuse & restricted EBV IgG VCA EBV IgM VCA EBV Nuclear Antigen
99. Fungus Respiratory Culture	87102 87206	FUNRESP	Fungus culture Fungus smear
100. Fungus Miscellaneous culture	87101 87206	FUNM	Fungus culture Fungus smear
101. Gastrointestinal Profile	87507	GIPROFILE	Campylobacter, E. Coli 0157, Enteropathogenic E. Coli, Enterotoxigenic E.Coli, Plesiomonas Shigelloides, Salmonella, Shiga-Like Toxin E. Coli, Shigella/EIEC, Vibrio, Vibrio Cholerae, and Yersinia, Enterocolitica, Cryptosporidium, Cyclospora Cayetanensis, Entamoeba Histolytica and Giardia Lambliia, Adenovirus F 40/41, Astrovirus, Norovirus GI/GII, Rotavirus A, and Sapovirus.
102. Hantavirus Antibody	86790 x2	HANTAAB	IgG IgM

**WMC LABORATORY PROTOCOLS
MICROBIOLOGY/SEROLOGY**

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
103. Herpes Simplex Type specific Antibody, IgG	86695 86696	HSVTYPE	Type 1 Type 2
104. Herpes Simplex Antibody, IgM	86695 86696	HSVMAB	Type 1 Type 2
105. Herpes Simplex DNA Qualitative	87529 x2 87530x2	HSVPCR	Type 1 Type 2
106. Histoplasma Capsulatum Antibody	86698 x2	HISTOAB	Mycelial Antibody Yeast Antibody
107. Human Herpesvirus 6	86790 x2	HHV6	IgG IgM
108. Hypersensitivity Pneumonitis Profile	86606 86609 x4	HYPERAB	Aspergillus fumigates Saccharopolyspora antigen Thermophilic actinomycete antigens
109. Influenza Screen	87804x2	INFLU	Influenza A Influenza B
110. Influenza A & B Antibody	86710 x2	INFLAB	A serotypes B serotypes
111. Legionella Antibody	86713 x2 no/chg	LEGAB	L. pneumophila (serogroup 1) L. pneumophila (serogroups 2-6,8) Legionella sp (non-pneumophila)
112. Lymphocyte Mitogen Screen	86353 x3	LYMMIT	CON A PHA Pokeweed
113. Malaria Smear and Antigen NEW Addition	87207 87899	MAL	Smear Malaria Stain Infect Agent Ag NOS OIA
114. Mycoplasma Pneumoniae Antibody	86738 x2	MYCOAB	IgG IgM
115. Ova & Parasites	87177 87209	OP	Concentration and Direct Smears Trichrome stain
116. Parvovirus Antibody	86747 x2	PARVOAB	Parvovirus, IgG Parvovirus, IgM
117. Pneumococcal Vaccine Response	86317 x23	PNEUMOAB	Serotypes 1,2,3,4,5,8,9,12,14,17, 19,20,22,23,26,34,43,51,54,56,57 68,70
118. Poliovirus Antibody	86658 x3	POLIOAB	Poliovirus serotypes 1,2,3
119. Quantitative Wound Cult	87070 87071 87205	QUANTWD	Culture-Specify Site Culture Quantitative Wound Gram Stain
120. Rocky Mountain Spotted Fever	86757 x2	RMSFAB	RMSF,IgG RMSF,IgM
121. Saccharomyces Antibody	86671 x2	SACCHAB	IgA IgG
122. Salmonella Agglutinins	86000 x6	WIDAL	Agglutinins
123. Toxic Shock Syndrome Antibody	86609 x2	TSSTAB	TSST-1 Enterotoxin B
124. Toxic Shock Syndrome Toxins	87299 x3	TSST	TSST-1 B enterotoxin C enterotoxin

**WMC LABORATORY PROTOCOLS
MICROBIOLOGY/SEROLOGY**

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
125. Viral Encephalitis Profile, CSF	86695 x2 86696 x2 86735 x2 86765 x2 86787 x2 86788 86789	CSFVENCAB	Herpes I – IgG Herpes I – IgM Herpes II – IgG Herpes II – IgM Mumps IgG Mumps IgM Rubeola IgG Rubeola IgM Varicella Zoster IgG Varicella Zoster IgM West Nile IgM West Nile IgG
126. Virus Complete Culture	87252 87253 87254	VCC	Culture Hemabsorption Shell Vial
127. Virus Respiratory Profile	87300	VRESP	Adenovirus, Bordetella Parapertussis, Bordetella Pertussis, Chlamydia pneumoniae, Mycoplasma pneumoniae, Coronavirus HKU1, Coronavirus NL63, Coronavirus 229E, Coronavirus OC43, Human Metapneumovirus, Human Rhinovirus/Enterovirus, Influenza A, Influenza A/H1, Influenza A/H1- 2009, Influenza A/H3, Influenza B, Parainfluenza 1, Parainfluenza 2, Parainfluenza 3, Parainfluenza 4, Respiratory Syncytial Virus
128. Virus Urine Culture	87252 87254	VUC	Culture Shell Vial
129. West Nile Virus Antibody	86788 86789	WNVAB	IgG IgM

WMC LABORATORY PROTOCOLS
GENETIC LABORATORY Approved by ECMS 2/6/2018

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
130. Anaplastic Lymphoma kinase FISH	88271 x2 88274		Molecular cytogenetics, DNA probe Molecular cytogenetics, 25-99 cells
131. AML Mutation analysis BY Next Gen Sequencing Technology	81218 81273 81245 81310	AML MUT	CEBPA full gene sequence c-Kit D816 variant FLT3 Internal Tandem Duplication variants NPM1 exon 12 Variants
132. AML Translocation Profile	81315 81401 81401	AMLQNT	PML/RARA Common Breakpoint Molecular Pathology Tier 2 Level 2 (CBFB/MYH11 qual and/or quant) Molecular Pathology Tier 2 Level 2 (RUNX1 (AML1)-ETO)
133. BCR-ABL 1 Mutation Analysis	81206 81207	BCRABL	BCR/ABL1 major breakpt BCR/ABL1 minor breakpr
134. BRAF V600E Variant Mutation	81210 88381		BRAF V600E Variant Microdissection manual
135. BWS/RSS Molecular Analysis (NEW ADDITION)	81401 X2	BWRS	H19 methylation analysis KCNQ10T1 Methylation
136. Chromosome Analysis, Amniotic Fluid	88235 88269 88280 88285	KARYO AFO	Chromosome & Karyotype in Situ Chromosome Analysis, 6-12 cells Chromosome Additional Karyotype Chromosome Additional Cells
137. Chromosome Analysis, Bone Marrow	88237 x2 88264 88280 x1	KARYO BMO	Tissue Culture Chromosome Analysis, 20-25 cells Chromosome Additional Karyotype
138. Chromosome Analysis, Instability Syndrome	88230 88248 88249	KARYO INST	Tissue Culture Chromosome Analysis, 50-100 cells Chromosome Analysis, 100 cells
139. Chromosome Analysis, Peripheral Blood (non-neoplastic)	88230 88262	KARYO PBRO	Tissue Culture Chromosome & Karyotype, 15-20 cells
140. Chromosome Analysis, Peripheral Blood (neoplastic)	88237 x2 88264 88280 x3	KARYO PBOO	Tissue Culture Chromosome Analysis, 20-25 cells Chromosome Additional Karyotype
141. Chromosome Analysis, Skin/Solid Tissue (non- Neoplastic)	88233 88262	KARYO SKO	Tissue Culture Chromosome Analysis, 15-20 cells
142. Chromosome Analysis, Solid Tumor	88239 88264 88280 x2	KARYO ST	Tissue Culture Chromosome Analysis, 20-25 cells Chromosome additional Karyotype

**WMC LABORATORY PROTOCOLS
GENETIC LABORATORY**

PANEL DESCRIPTION/ ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
143. High Resolution Study	88230 88262 88289	HR0P	Tissue Culture Chromosome & Karyotype, 15-20 Cells High resolution study
144. Methyl CpG binding protein 2 gene analysis	81302 81304	MECP2	MECP2 Full Sequence Analysis MECP2 Duplication/Deletion Variants
145. Microdeletion Syndrome FISH	Varies based on loci	FISHMICR	Gene locus X Gene locus Y Gene locus 13 Gene locus 18 Gene locus 21
146. Myelodysplastic Syndrome FISH	88377 x4	FISHMYDS	D7S522/CEP7 (chromosome 7), EGR1/5p15 (chromosome 5), D20S108/ D1721 (chromosome 20) CEP 8 (chromosome 8) -remove and TP53/CEP17 (chromosome 17) Morphometric analysis, in situ Hybridization each multiplex probe
147. Multiple Myeloma/Monoclonal Gammopathy FISH	88377 x6	FISHMM	TP53/CEP17 FGFR3/IGH D13S319/13q34 CCND1/IGH, 1p/1q +3/+15
148. Pediatric ALL FISH panel This panel is sent to HEMATOLOGICS instead of MAYO MEDICAL LAB.	88377	MISC	(MLL/KMT2A-bnp, TEL/RUNX1, BCR/ABL 1/ASS, P16/CEP9, IGH/MYC. CEP4/CEP10. TP53/CEP17. PBX/TCF3
149. ALL FISH PANEL ADULT This panel is sent To HEMATOLOGICS instead of MAYO MEDICAL LAB.	88377	MISC	MLL/KMT2A-bap, TEL/RUNX1, BCR/ABL1/ASS, P16/CEP9, IGH/MYC
150. BCR/ABL Mutation analysis	81206 81207	BCRABL	BCR-ABL1 Mutation Analysis Quantitative
151. PTEN (Molecular Analysis)	81321	PTEN	PTEN full seq analysis
152. Neonatal Alloimmune Thrombocytopenia	81400 x16 86022	NATP	Molecular Pathology Tier 2 Level 1 (Human Platelet Antigen genotype 1,2,3,4,5,6,9,15) Platelet Antibody Screen

DELETED/REMOVED PROTOCOLS

PANEL DESCRIPTION/ ORDER SET			NEW TEST OR REASON FOR REMOVAL	
Lymphocyte Choriomeningitis Antibody TEST NO LONGER AVAILABLE.			Testing reagents for the LCM virus antibodies are no longer available from the manufacturer. No other source available.	

PANEL READY FOR USE ALREADY APPROVED

PANEL DESCRIPTION/ORDER SET	CPT CODES 2019	MEDITECH OE CODE	COMPONENT TESTS
Acquired Thrombophilia Profile	86147 X 3 85613 85732 86146 X 3	THROMBOAC	Lupus-type Anticoagulant (LUPA) Cardiolipin Antibodies, IgA, IgG, IgM (CARDAB) Beta-2 Glycoprotein 1 Antibodies, IgA, IgG and IgM (B2GPAB)

Laboratory Protocols

PURPOSE: To establish billing guidelines outlining the documentation required for orders for hospital outpatient tests and services in accordance with Medicare, Medicaid and other federally-funded payer guidelines.

POLICY: Orders for hospital outpatient tests and services are valid for billing purposes provided they are documented and include the data elements as defined in this policy. Absent specific exceptions and consistent with Federal and State law, tests and services must be provided based on the order of physicians or non-physician practitioners (NPP) acting within the scope of any license, certificate, or other legal credential authorizing practice in the state in which the hospital is located. In order to bill for tests and services a valid order must be present in the medical record. Valid orders include written or verbal orders and hospital approved protocols.

DEFINITION: Protocol: A treatment regime or standardized specifications for care of any patient having a specifically-defined care need (*e.g.*, AHCPR protocol for treatment of pressure ulcers). A protocol is developed through a formal process that incorporates the best scientific evidence of effectiveness with expert opinion and is agreed upon by consensus. Note: Orders for tests or services may be supported by a valid, approved hospital protocol that has been initiated by a physician or NPP. A copy of the protocol must be maintained in the patient's medical record.

SOURCE: HCA Governmental Operations Support/Billing Compliance Support Reference Number:
REGS.GEN.004

Revision date: **January 13, 2020**.