

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
6-monoacetylmorphine (6MAM) Screen, Qualitative, Urine (Heroin Metabolite)	80307	If screening results are positive, confirmation testing is performed by an alternate methodology.	Identification and quantitation by LC/MS/MS	80356
ABO/Rh (D) Type and Screen	86850	Positive Antibody Screen requires further testing. (Includes prenatal specimens)	Antibody ID	86870
	86900	Females of childbearing age with serologic weak D for RHD variant testing  To determine if prenatal patient with anti-M is clinically significant perform IgG/IgM Subclass	Phenotype Antigen Tests	86905 or 86906
	86901		Direct Coombs Test	86880
			Eluate	86860
		To obtain a full phenotype when a serological phenotype cannot be performed due to antibody interference, recent transfusion, sickle cell disease, suspected variant antigen	Antibody Titer	86886
			Crossmatch	86920/86922 or 86923
			Crossmatch (additional units)	86920/86922 or 86923 each
			Unit Antigen Tests	86902
			EGA Treatment	86970
			Thermal Amplitude Test	86156
		Isohemagglutinin Titer (IAT)	86886	
		Human Erythrocyte Antigen	81403	

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			Genotype (Red Cell Antigen Genotype) IgG/IgM Subclass Absortion	86975 86978
ADAMTS13 Panel	85397	If ADAMTS13 Activity is <30%.	ADAMTS13 Antibody	83520
Antibody Screen	86850	<p>Positive Antibody Screen requires further testing (includes prenatal specimens)</p> <p>To determine if a prenatal patient with anti-M is clinically significant perform IgG/IgM Subclass</p> <p>To obtain a full phenotype when a serological phenotype cannot be performed cannot be performed due to antibody interference, recent transfusion, sickle cell disease, suspected variant</p>	<p>Antibody ID</p> <p>Phenotype Antigen Tests</p> <p>Direct Coombs Test</p> <p>Eluate</p> <p>Antibody Titer</p> <p>EGA Treatment</p> <p>Thermal Amplitude Test</p> <p>Human Erythrocyte Antigen Genotype (Red Cell Antigen Genotype)</p> <p>IgG/IgM Subclass</p> <p>Adsorption</p>	<p>86870</p> <p>86905 or 86906</p> <p>86880</p> <p>86860</p> <p>86886</p> <p>86970</p> <p>86156</p> <p>81403</p> <p>86975</p> <p>86978</p>
Antinuclear Antibody Screen (ANA)	86038	Positive results are titered to endpoint	Antinuclear Antibody (ANA) Titer	86039

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Antinuclear Antibody Screen with Reflex	86038	Positive results are titered to endpoint and dsDNA, Sm, Sm/RNP, SSa, SSb and Scl 70 are performed.	Antinuclear Antibody (ANA) Titer dsDNA Sm Sm/RNP SSa SSb Scl 70	86039 86225 86235 x 5
Arsenic, Urine with Reflex to Fractionated (24 hour or random)	82175	If total arsenic is between 35-2000 ug/L.	Arsenic, Fractionated, Urine	82175
Alpha-1-Antitrypsin, Genotyping Profile	82103 81332	Protein phenotyping is reflexed on samples that have a AAT level of <100 and are heterozygous for either the S or Z allele by genotyping or if the sample has a AAT level of <100 and does not contain either the S or Z allele by genotyping.	Alpha-1 Antitrypsin, Phenotype	82104
BACT 4, PCR, STOOL	87505	If Salmonella or Shigella is detected a culture is setup up for susceptibility testing and send out to state lab	Culture for confirmation of Salmonella/Shigella Susceptibility by KB	87081 87184
Bacterial Stool PCR	87507	If Salmonella or Shigella is detected a culture is setup up for susceptibility testing and send out to state lab	Culture for confirmation of Salmonella/Shigella Susceptibility by KB	87081 87184

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Bordetella pertussis Antibody Profile	86615 x 2	If Bordetella pertussis Antibody IgA by ELISA is 1.2 IV or greater	Bordetella pertussis IgA Immunoblot	86615
		If Bordetella pertussis Antibody IgG by ELISA is 1.05 IV or greater	Bordetella pertussis IgG Immunoblot	86615
Buprenorphine Screen, Urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology.	Identification and quantitation by LC/MS/MS	80348
CBC (Complete Blood Count) with Automated Differential  and/or  CBC (Complete Blood Count) with Manual Differential	85025	For inpatients and non-Medicare outpatients: Given identified criteria, pathologist will review slide.	Pathologist Interpretation with Report	85060
	85027	Bacterial/Fungal confirmation performed by microbiology.	Gram Stain	87205
	85007	Parasite confirmation performed by microbiology.	Blood Parasites	87207
Celiac Disease Screen	82784	Borderline tTg with low IgA	Anti-endomysia antibody	86256
	83516	IgA deficient patients	Tissue transglutaminase antibodies, IgG Deaminated Gliadin Antibodies, IgA and IgG	83516 x 3
Cell Count, Body Fluid with Differential	89051	Unclassified cells require follow up identification.	Body Fluid ThinPrep <sup>®</sup> Cytology	88112

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Cell Count, CSF with Differential	89051	Unclassified cells require review by pathologist.	Pathologist Interpretation with Report	88108-26
Chikungunya Antibody Profile	86790 x 2	If the sample screens positive for Chikungunya virus-specific IgG and/or IgM antibodies, titer to endpoint will be reflexed	Chikungunya IgG titer  Chikungunya IgM titer	86790 for each titer
Chromosome Analysis, Amniotic Fluid: Alpha Fetoprotein Chromosome Analysis and Interpretation	82106 88235 88267 88280	If amniotic fluid AFP is positive, an additional test is performed.	Acetylcholinesterase, Amniotic Fluid	82013
Clostridioides difficile toxin gene PCR with reflex to EIA stool	87493	C diff toxin B gene detection with reflex to EIA to detect production of actual toxin	EIA detection of Toxin B	87324

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Comprehensive Stool PCR	87507	If Salmonella or Shigella is detected a culture is setup up for susceptibility testing and send out to state lab	Culture for confirmation of Salmonella/Shigella	87081
			Susceptibility by KB	87184
Creutzfeldt-Jacob Disease Protein 14-3-3, CSF	84182	If 14-3-3 protein is positive or tau protein is 500 pg/mL or greater, Real-Time quaking-induced conversion assay (RT-QuIC) will be reflexed.	RT-QuIC Analysis, CSF	87798
	86317			
Cryoglobulin, Qualitative, with Reflex to IgA, IgG and IgM and IFE typing	82595	If detected, additional tests performed.	Quantitative IgG, IgM, IgA and IFE typing on the precipitate.	82784 x 3 86334
Cryptococcal Antigen	86403	Positive results are titered to endpoint.	Cryptococcal Antigen Titer	86406
Culture, Actinomyces, Anaerobic	87075	Identification of isolate(s) from positive culture/isolate	Anaerobic identification	87076
	87205			
Culture, Anaerobic/Aerobic	87075	Identification of isolate(s) from positive culture/isolate	Anaerobic identification	87076
	87070		Aerobic identification	87077
	87205		ID by Agglutination	87147
			Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87186
				87184
	87181			

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
				87185
Culture, Bacterial Referred for Identification		Identification of isolate(s) from positive culture/isolate	Aerobic ID (abbreviated)	87088
			Aerobic Identification	87077
			ID by Agglutination	87147
			Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87186
				87184
				87181
				87185
Culture, Blood	87040	Identification of isolate(s) from positive blood culture/isolate	Gram Stain	87205
			Aerobic identification	87077
			ID by Agglutination	87147
			Anaerobic identification	87076
			ID by nucleic acid probe	87150x24
			Susceptibility testing (MIC, KB, beta lactamase, nucleic acid probe for resistance markers and/or E-test depending on isolate yeast or bacterial)	87186
				87184
	87181			
	87149			
				87185

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Culture, Blood, Fungus	87103	Identification of isolate(s) from positive blood culture/isolate	Fungus identification	87106
			Mold identification	87107
			Susceptibility testing E-testing (per antifungal) or MIC	87186
				87181
Culture, Blood, Mycobacteria	87116	Identification of isolate(s) positive blood culture/isolate	AFB DNA Probe	87149
			AFB Smear	87206
Culture, Bronchoscopy	87070 87205	Identification of isolate(s) from positive culture/isolate	Aerobic Identification	87077
			ID by Agglutination	87147
			Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87186
				87184
				87181
	87185			
	87070 87205		Aerobic Identification	87077
			ID by Agglutination	87147
			Anaerobic ID	87076

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Culture, CAPD Fluid		Identification of isolate(s) from positive culture/isolate	Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87186  87184 87181  87185
Culture, Catheter Tip	87070	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87077 87147 87186  87184 87181  87185
Culture, Cerebrospinal Fluid	87070 87205	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87077 87147 87186  87184 87181  87185
	87070 87205		Aerobic Identification ID by Agglutination	87077 87147

## Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Culture, Fluid, Aerobic		Identification of isolate(s) from positive culture/isolate	Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87186 87184 87181 87185
Culture, Fungus, Dermatophyte	87101 87220	Identification of isolate(s) from positive culture/isolate	Fungal ID Mold ID	87106 87107
Culture, Fungus	87102	Identification of isolate(s) from positive culture/isolate	Fungal ID Mold ID Susceptibility testing, MIC	87106 87107 87186
Culture, Genital	87070	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination	87077 87147
Culture, Genital, Fungus	87102	Identification of isolate(s) from positive culture/isolate	Fungal ID Mold ID Susceptibility testing, MIC	87106 87107 87186
Genital, Group B, Beta-Hemolytic Strep Screen, DNA probe	87653	Positive for Group B strep	Susceptibility testing (MIC or KB)	87186 87184
Culture, Mycobacteria	87116 87015 87206	Identification of isolate(s) from positive culture/isolate	AFB DNA Probe Susceptibility testing (MIC, KB, and/or E-test depending on isolate)	87149 87186 87184 87181
Culture, Neisseria Gonorrhoea (GC Screen)	87081	Identification of isolate(s) from positive culture/isolate	Aerobic ID	87077

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Culture, Nocardia	87102	Identification of isolate(s) from positive culture/isolate	Fungal ID Gram Stain Acid Fast Stain	87106 87205 87206
Culture, Sputum	87070 87205	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87077 87147 87186 87184 87181 87185
Culture, Sputum, Cystic Fibrosis	87070 87205	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87077 87147 87186 87184 87181 87185
Culture, Stool with Salmonella and Shigella	87045	Identification of isolate(s) from positive culture/isolate	Aerobic Identification Susceptibility testing (MIC, KB, and/or E-test depending on isolate)	87077 87186 87184 87181
Culture, Throat, Beta-Hemolytic Streptococci	87081	Identification of beta hemolytic colonies	ID by Agglutination Aerobic ID	87147 87077
	87070 87205 87176		Aerobic Identification ID by Agglutination Anaerobic ID	87077 87147 87076

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Culture, Tissue, Aerobic		Identification of isolate(s) from positive culture/isolate	Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87186 87184 87181 87185
Culture, Tissue, Quantitative	87176 87205 87071	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination Anaerobic ID Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87077 87147 87076 87186 87184 87181 87185
Culture, Urine	87086	Identification Identification of isolate(s) from positive culture/isolate	Aerobic ID (abbreviated) Aerobic Identification ID by Agglutination Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87088 87077 87147 87186 87184 87181 87185
			Aerobic Identification	87077

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Culture, Vancomycin- resistant Enterococcal Screen	87081	Identification of isolate(s) from positive culture/isolate	Susceptibility testing (MIC, KB, and/or E-test depending on isolate)	87186 87184 87181
Culture, Wound, Aerobic	87070 87205	Identification of isolate(s) from positive culture/isolate	Aerobic Identification ID by Agglutination Susceptibility testing (MIC, KB, beta lactamase and/or E-test depending on isolate)	87077 87147 87186 87184 87181 87185
Cystatin C. Serum with Reflex to Estimated Glomerular Filtration Rate (Egfr)	82610	If the patient's age is unknown or 18 years of age or greater	Cystatin C Reflex (eGFR)	No charge or CPT code for the Cystatin C reflex
Cytopathology, Conventional Pap Smear ThinPrep Plus Imager Pap Test  ThinPrep Pap Test	88164 88141	HPV positive or  LSIL	DNA Dtex	88271 x4  88275 x3  88291
Dilute Russell's Viper Venom Time (DRVVT)	85613	Positive screen results require confirmation	DRVVT Confirmation	85613
Direct Coombs Test (DAT)	86880	Positive DAT requires further testing.	Eluate Antibody Screen Antibody Titer Phenotype Antigen Tests	86860 86850 86870 86905 or 86906
DNA Antibodies, Crithidia, IFA	86255	Positive screens are tittered to endpoint	DNA AB IFA titer charge	86256

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Compliance Drug Monitoring Alcohol, Screen, Oral Fluid	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and quantitation by Headspace Gas Chromatography	80320
Compliance Drug Monitoring, Oral Fluid	80307	If screening results are positive or a negative screen obtained for drugs prescribed in medication history, confirmation testing is performed by an alternate method	Identification and quantitation by LC/MS/MS	Any one or more of the following: 80325 80345 80346 80349 80353 80356 80358 80361 80365  83992
				Any one or more of the following 80325 80345 80346 80349

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Drugs of Abuse, Blood	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and quantitation by LC/MS/MS	80353  80354 80356 80358 80361 80365  83992
Drug Screen 10 with confirmation, urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and Quantitation by LC/MS/MS	Any one or more of the following
				80325
				80345
				80346
				80349
				80353
				80356
				80358
				80361
				80365
83992				
Drug Screen 9 with confirmation, urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology.		Any one or more of the following 80325 80345 80346

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
			Identification and Quantitation by LC/MS/MS	80349 80353 80356 80358 80361 80365 83992
Drug Screen 5 with confirmation, urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology.	Identification and Quantitation by LC/MS/MS	Any one or more of the following 80325 80345 80346 80349 80353 80356 80358 80361 80365 83992
Drug Screen 7 with confirmation, urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and Quantitation by LC/MS/MS	Any one or more of the following 80325 80345 80346 80349 80353 80356 80358 80361 80365

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
				83992
Drug Screen 8 with confirmation, urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and Quantitation by LC/MS/MS	Any one or more of the following 80325 80345 80346 80353 80356 80358 80361 80365  83992
Extended Drug Screen with confirmation, urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and Quantitation by LC/MS/MS	Any one or more of the following 80325 80345 80346 80348 80349 80353 80354 80356 80358 80361 80365

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
				83992
Pain Management Basic Profile, Urine	80307	If screening results are positive or a negative screen obtained for drugs prescribed in medication history, confirmation testing is performed by and alternate method	Identification and quantitation by LC/MS/MS	Any one or more of the following: 80325 80345 80346 80349 80353 80356 80358 80361 80365 80367 83992
Drug Screen, Meconium	80307	If screening results on meconium are positive, confirmation/quantitation testing will be reflexed	Confirmation/Quantitation by GC-MS and/or LC-MS/MS	Any one or more of the following: 80349 80353 80364 83992 80326 80345 80358 80347 80365

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
				80367
EGFR Mutation Analysis	81235	If EGFR Mutation is NOT detected, test will reflex to ALK and ROS FISH testing	ALK and ROS FISH testing	88271x2, 88274, 88271x2 88274
Fentanyl Screen, Qualitative, Urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and quantitation by LC/MS/MS	80354
Fungal Antibodies with Reflex	86606 86612 86635 86698 x 2	If Blastomyces antibodies are equivocal or positive by EIA	Blastomyces Immunodiffusion	86612
Heavy Metal Profile, Urine with Reflex to Arsenic Fractionated	82175 83655 83825 82300	If total arsenic is 35-2000 ug/L	Arsenic, Fractionated, Urine (Includes organic, inorganic, and methylated forms)	82175
Hemoglobin A1c (HPLC methodology)	83036	In patients with certain types of hemoglobin abnormalities, a HA1 <sub>c</sub> result cannot be obtained and testing must be performed by an alternate method.	Hemoglobin A1 <sub>c</sub> , Alternate Methodology  ~ Charge for initial testing is credited if reflex testing is ordered ~	83036

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Hemoglobinopathy Screen	83021	Abnormal results on screening require confirmation based on the initial observations	Citrate Agar Acid Electrophoresis	83020
		Abnormal hemoglobins that cannot be confirmed using citrate agar are sent to reference laboratory for further evaluation.	Hemoglobin Cascade	83020, 83021, 85660
Heparin Associated Platelet Antibody	86023	Positive results require neutralization confirmation. Samples that confirm by neutralization will be sent out for final confirmation by Serotonin Release Assay	Serotonin Release Assay	86022
Hepatitis B Surface Antigen (HBsAg) For single orders and as part of the following: -Exposure Profile, Employee Exposure Profile, Source Patient Exposure Package (outside accounts only) -Hepatitis B Profile -Hepatitis Panel, Acute Hepatitis Profile, Comprehensive -Obstetric Panel Obstetric Profile with Urinalysis	87340	Positive EIA screen results require confirmation	Hepatitis B Surface Antigen Neutralization Confirmation	87341
Hepatitis C (HCV) Antibody, EIA Screen  When part of the following: -Exposure Profile,				

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Employee -Exposure Profile, Source Patient -Exposure Package (outside accounts only) -Hepatitis C Antibody Profile -Hepatitis Panel, Acute -Hepatitis Profile, Comprehensive	86803	Equivocal or Positive EIA screen results require confirmation per CDC guidelines	HCV RNA quantitation by PCR	87522
Hepatitis C Genotyping (HCV1A)	87902	NS5A polymorphisms are associated with resistance to NS5A inhibitor therapy in patients with Hepatitis C virus (HCV) Genotype 1a. Patients shown to be infected with HCV Genotype 1a should be tested for NS5A Drug Resistance.	NS5A	87900, 87902
Herpesvirus-6 IgM Antibody	86790	If HHV6 IgM antibody is detected at 1:10, a titer will be reflexed.	Herpesvirus 6 IgM titer	86790
Rapid HIV-1,2	86703	Reactive Rapid HIV-1 & 2 Antibody Screen	HIV1/2	86701

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
or HIV 1/2 Ag/Ab Profile  When part of the following: -Exposure Profile, Employee -Exposure Profile, Source Patient -Exposure Package (outside accounts only) -Rapid HIV-1 & 2 Antibody Profile (Labor and Delivery)	87389	or Reactive HIV 1/2 Antigen/Antibody Screen results require confirmation	differentiation  HIV-1 Viral Load RT,PCR	86702  87536
HTLV I/II Virus Antibody Screen	86790	Positive screen results require confirmation	HTLV I/II Antibody Confirmation	86689
Lipid Panel with Reflex to LDL, Cholesterol, Direct	80061	When triglycerides are >400 mg/dL	LDL, Cholesterol, Direct	83721
Lyme Disease Antibody Profile, Elisa Screens: Lyme Antibody, Total (IgG/IgM) Lyme Antibody, IgM	86618  86618	Equivocal or positive results for either or both ELISA screen tests require confirmation	Lyme Antibody, Western Blot IgG  Lyme Antibody, Western Blot IgM	86617  86617
Lyme Reflex Profile, CSF	86618	If Borrelia burgdorferi total antibodies by ELISA = 1.00 LIV or greater, then B. burgdorferi IgG and IgM antibodies by western blot will be added	Borrelia burgdorferi Ab, IgM, CSF  Borrelia burgdorferi Ab, IgG, CSF	86617 x 2

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
NMDA Receptor Ab, CSF	86255	If NMDA receptor antibody IgG, CSF is positive, then an NMDA CSF antibody IgG titer will be reflexed.	NMDA CSF antibody IgG titer	86256
MDMA, Screen, Urine	80307	If screening results are positive, confirmation testing is performed by an alternate methodology	Identification and quantitation by LC/MS/MS	80325
Mitochondrial Autoantibody	86255	Positive results are titered to endpoint	Mitochondrial Autoantibody Titer	86256
Monoclonal Gammopathy Screening Profile	83883 x2 84155 84165	Abnormalities suggesting the presence of a monoclonal protein require follow up confirmation	Quantitative Immunoglobulins (IgG, IgA, IgM)	82784 x3
	84165-26		Immunofixation Electrophoresis	86334 86334-26
Mononucleosis Screen with Reflex EBV Profile	86308	When mono screen is negative, EBV Profile will be performed	EBNA, EA, VCAG, VCAM	86664 , 86663, 86665 x 2
Myocardial Ab, IgG	86255	If myocardial Ab is 1:20, a titer will be reflexed	Myocardial Antibody, IgG titer	86256
NRAS, KRAS Mutation Analysis	81275 81276 81311	If NRAS or KRAS Mutation is NOT detected, test will reflex to BRAF Mutation Analysis	BRAF Mutation Analysis	81210
PT Reflex Mixing Study	85610	Prolonged results require further testing to differentiate factor deficiencies from circulating inhibitors	Thrombin Time	85670
			Reptilase Time	85635
			PT mix, immediate	85611

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
PTT Reflex Mixing Study	85730	Prolonged results require further testing to differentiate factor deficiencies from circulating inhibitors	Thrombin Time Reptilase Time PTT Mix, Immediate PTT Mix, Incubated	85670 85635 85732 85732
Parietal Cell Autoantibody	86255	Positive results are titered to endpoint	Parietal Cell Autoantibody Titer	86256
Partial Thromboplastin Time (PTT), Lupus Sensitive	85730	Prolonged results require further testing to confirm the possible presence of a Lupus Anticoagulant (LUA) or the presence of heparin.	Partial Thromboplastin Time (PTT) Lupus Sensitive, Mixing Study	87532
When part of the following: Thrombotic Risk, Acquired, Thrombotic Risk, Lupus Anticoagulant			Hexagonal Phase Phospholipid Neutralization Assay	85598
			Thrombin Time	85670
Prenatal Testing to include: Obstetric Panel Obstetric Profile 2	80055 80055 and 81001 or 81003	Positive Antibody Screen requires further testing	Antibody ID	86870
			Phenotype Antigen Tests	86905 or 86906
			Direct Coombs Test	86880
Obstetric Profile 3	80055, 82565, 82947 and 81001 or 81003		Eluate	86860
			Antibody Titer	86886
			EGA Treatment	86970
Prostate Specific Antigen, Total with Reflex PSA, Free	84153	Total PSA results between 4.0-10 ng/mL require Free PSA to determine risk	Free PSA	84154

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Protein Electrophoresis, Serum	84155 84165 84165-26	Abnormalities suggesting the presence of a monoclonal protein require follow up confirmation	Quantitative Immunoglobulins (IgG, IgA, IgM)  Immunofixation Electrophoresis	82784 x 3  86334 86334-26
Protein Electrophoresis, Urine	84166 84166-26	Abnormalities suggesting the presence of a monoclonal protein require follow up confirmation	Immunofixation  Electrophoresis  Total protein	86335 86335-26  84156
Q-Fever Antibody Profile	86638 x 6	If Coxiella burnetii IgG and/or IgM antibodies are detected, then the appropriate titer will be added.	Coxiella.burnetti IgG (Q-Fever) Phase I titer Coxiella burnetii IgG (Q-Fever) Phase II titer Coxiella.burnetti IgM (Q-Fever) Phase I titer Coxiella burnetii IgM (Q-Fever) Phase II titer	86638 per titer

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Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Reticulin Antibody, IgA with Reflex to Titer	86255	If Reticulin Antibody, IgA is 1:5, titer will be reflexed	Reticulin Antibody, IgA titer	86256
	85461 86850 86900 86901	Positive Antibody Screen Requires further testing  Females of childbearing age with serologic weak D for RHD variant testing	Antibody ID  Phenotype Antigen Tests  Direct Coombs Test  Eluate	86870  86905 or 86906  86880  86860

## Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Rh(D) Immune Globulin, Postpartum		To obtain a full phenotype when a serological phenotype cannot be performed due to antibody interference, recent transfusion, sickle cell disease, suspected variant antigens	Kleihauer-Betke	85460
		Quantify fetal cells, if required.	EGA Treatment	86970
			Human Erythrocyte Antigen Genotype (Red Cell Antigen Genotype)	81403
		Positive Antibody Screen requires further testing.	Adsorption	86978
RPR	86592	Reactive screens are titered to endpoint and must be confirmed with treponemal specific serology	RPR titer	86593
RPRI			Syphilis Serology	86780
Syphilis Serology	86780	Initially reactive screens require reflex to RPR	Rapid Plasma Reagin (RPR)	86592
			Reactive RPRs require titer	86593
Smooth Muscle Autoantibody	86255	Positive results are titered to endpoint	Smooth Muscle Autoantibody Titer	86256
Strep A Antigen, Rapid Screen with Reflex to Culture	87430	Reflexed if rapid antigen is negative	Group A Strep DNA Probe	87651
Striated Muscle Antibody, IgG with Reflex to Titer	86255	If Striated Muscle Antibody detected, titer is reflexed.	Striated Muscle, IgG titer	86256
Thrombin Time When part of the following: Thrombotic Risk, Acquired,		Prolonged results require		

### Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Thrombotic Risk, Lupus Anticoagulant PT Reflex Mixing Study PTT Reflex Mixing Study	85670	additional testing to demonstrate the presence of heparin in the sample	Reptilase Time	85635
Thrombotic Risk, Acquired, Antiphospholipid Antibody	86146x2, 86147x2, 85613, 85730	Prolonged results require additional testing to demonstrate the presence of heparin in the sample, differentiate factor deficiencies from circulating inhibitors or to demonstrate the possible presence of a Lupus Anticoagulant (LUA)	dRVVT Confirm,	85613
			Hexagonal Phase Phospholipid Neutralization, LUA Mixing Study, Reptilase Time, Thrombin Time	85598, 85732, 85635, 85670
Thrombotic Risk, Lupus	85613, 85730	Prolonged results require additional testing to demonstrate the presence of heparin in the sample, differentiate factor deficiencies from circulating inhibitors or to demonstrate the possible presence of a Lupus Anticoagulant (LUA)	dRVVT Confirm, Hexagonal Phase Phospholipid Neutralization, LUA Mixing Study, Reptilase Time,  Thrombin Time	85613, 85598 85732 85635  85670
Thyroglobulin PRF (THGLB)	86800	ATGAB < 40 ATGAB > 39	THYG REFTG	84432 84432
Thyroid Function Screen	84443	If TSH is high	T4, Free	84439
		If TSH is low	T4, Free T3, Free	84439 84481
Thyroid Stimulating Hormone with Free T4 Reflex	84443	If TSH is abnormal	T4, Free	84439
Toxoplasma IgM				

## Reflex Test Algorithm

Initial Test	CPT Code(s)	Reason for Reflex	Reflex/Confirmatory Test(s)	CPT Code(s)
Ordered alone or as part of TOXP or TORCM	86778	If positive, reflexed to second method for confirmation	Toxoplasma IgM	86778
Urinalysis without Microscopic	81003	If positive for protein, blood, leukocytes or nitrite further testing is required	Urinalysis with Microscopic (replacement charge)	81001
Viral Culture Non-Respiratory	87252	If a virus is isolated, identification is added	Virus identification	87253
VDRL, Cerebrospinal Fluid	86592	Reactive results are titered to endpoint	VDRL Titer	86593
WBC (White Blood Cell Count) with Automated Differential	85048	For LVH inpatients and non-Medicare outpatients: Given identified criteria, Pathologist will review slide	Pathologist Interpretation with Report	85060
and/or	85004	Bacterial/Fungal confirmation performed by microbiology.	Gram Stain	87205
WBC (White Blood Cell Count) with Manual Differential	85048			
	85007	Parasite confirmation performed by microbiology.	Blood Parasites	87207

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Reflex Testing Algorithm Revised/effective date: July 2021