REGIONAL MEDICAL LABORATORY
1923 SOUTH UTICA AVENUE
TULSA, OKLAHOMA 74104-6502

Acetylcholine Receptor Binding Antibody

Order Name: **ACETY BND**
Test Number: 5500010

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Acetylcholine Receptor Binding Antibody	RIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator (Red Top, No-Gel)**	**Refrigerated**
Alternate Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Refrigerated**
Special Instructions:	SST Clot tubes acceptable, however it is best if collected in non-gel clot tubes. Specimen stability: Room temperature: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year.			

GENERAL INFORMATION	
Testing Schedule:	Sun-Sat
Expected TAT:	4-5 Days
Clinical Use:	Used to aid in the differential diagnosis of myasthenia gravis-like muscle weakness, in differentiating between generalized MG and ocular MG, and in monitoring therapeutic response.
Cpt Code(s):	83519

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Acetylcholine Receptor Blocking Antibody

Order Name: **ACETY BLK**
Test Number: 5500020

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Acetylcholine Receptor Blocking Antibody	RIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator (Red Top, No-Gel)**	**Refrigerated**
Alternate Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Refrigerated**
Special Instructions:	SST Clot tubes acceptable, however it is best if collected in non-gel clot tubes. Specimen stability: Room temperature: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year.			

GENERAL INFORMATION	
Testing Schedule:	Sun-Sat
Expected TAT:	4-5 Days
Clinical Use:	Blocking antibodies are detected in approximately 50% of generalized myasthenia gravis patients and are detectable in the absence of binding antibodies in approximately 1% of myasthenia gravis patients.
Cpt Code(s):	83519

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Acetylcholine Receptor Modulating Antibody

Order Name: **ACETY MOD**
Test Number: 5516500

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Acetylcholine Receptor Modulating Antibody	RIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator (Red Top, No-Gel)**	**Refrigerated**
Alternate Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Refrigerated**
Special Instructions:	SST Clot tubes acceptable, however it is best if collected in non-gel clot tubes. Specimen stability: Room temperature: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year.			

GENERAL INFORMATION	
Testing Schedule:	Sun-Sat
Expected TAT:	4-5 Days
Clinical Use:	Confirming the diagnosis of myasthenia gravis. Modulating autoantibodies to AChR cause weakness by inhibiting or modulating binding to the receptors.
Cpt Code(s):	83519

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Androstenedione

Order Name: **ANDROSTEN**
Test Number: 3801250

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Androstenedione	CIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**2 mL (0.3)**	**Serum**	**No Additive Clot (Red Top, No-Gel, Plastic)**	**Frozen**
Alternate Specimen:	**2 mL (0.3)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
	2 mL (0.3)	**Plasma**	**EDTA (Lavender Top)**	**Frozen**
Special Instructions:	Specimen should be collected between 6-10 a. m. Stability after separation from cells: Ambient= 24 hours, Refrigerated= 1 week, Frozen: 6 months.			

GENERAL INFORMATION	
Testing Schedule:	Sun-Sat
Expected TAT:	2-4 Days
Cpt Code(s):	82157

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Growth Hormone (HGH), Human (Recombinant)

Order Name: **GH R**
Test Number: 2022685

TEST COMPONENTS	REV DATE:8/29/2011
Test Name:	**Methodology:**
Growth Hormone (HGH), Human (Recombinant)	CIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**1mL (0.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
Special Instructions:	Separate Serum from Cells FREEZE ASAP! Stability: Room Temperature=N/A, Refrigerated=8hrs, Frozen=2mo. **Patient Must Be Fasting (8 to 10 hours) and on complete bed rest (supine) for at least 30min. prior to specimen collection.**			

GENERAL INFORMATION	
Testing Schedule:	Mon, Wed, Fri evenings
Expected TAT:	1-3 Days
Notes:	For those patients who are being monitored with serial Growth Hormone studies, a new crossover study is recommended at no additional charge for one month. Orderable: as "GH REBASE" [2023375] (Do not order both tests).
Cpt Code(s):	83003

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Haemophilus influenza Type B Antibody (IgG)

Order Name: **H FLU B AB**
Test Number: 3807800

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Haemophilus influenza Type B Antibody (IgG)	ELISA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**4 mL (0.2)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
Special Instructions:	Separate serum from cells ASAP or within 2 hours of collection and freeze in plastica aliquot tube. Mark specimens clearly as Pre-Vaccine or Post-Vaccine. Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year. (Avoid repeated thawing and freezing)			

GENERAL INFORMATION	
Testing Schedule:	Sun-sAT
Expected TAT:	1-4 Days
Cpt Code(s):	86684

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Hypoglycemic Panel Qualitative (Sulfonylureas, Meglitinides)

Order Name: **HYPOGLYC P**

Test Number: 4008600

TEST COMPONENTS	REV DATE:8/17/2011
Test Name:	**Methodology:**
Chlorpropamide	LC/MS/MS
Tolazamide	LC/MS/MS
Glyburide	LC/MS/MS
Acetohexamide	LC/MS/MS
Tolbutamide	LC/MS/MS
Glipizide	LC/MS/MS
Glimepiride	LC/MS/MS
Nateglinide	LC/MS/MS
Repaglinide	LC/MS/MS

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**2mL(0.5)**	**Serum**	**Clot Activator (Red Top, No-Gel)**	**Room Temperature**
Alternate Specimen:	**2mL(0.5)**	**Plasma**	**EDTA (Lavender Top)**	**Room Temperature**
Special Instructions:	Rejection Criteria Polymer gel separation tube (SST or PST). STABILITY: Room temperature= 7 Days, Refrigerated= 7 Days, Frozen= 4 Months			

GENERAL INFORMATION	
Testing Schedule:	Tue, Thr
Expected TAT:	5-10 Days
Clinical Use:	For use as a Clinical and Diagnostic Aid.
Notes:	Trade names: Amaryl®, DiaBeta®, Diabinese®, Dymelor®, Glucotrol®, Glynase®, Meglitinides, Micronase®, Orinase®, Prandin®, Starlix®, Sulfonylureas, Tolinase®.
Cpt Code(s):	83788

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Inhibin B

Order Name: **INHIBIN B**
Test Number: 3656615

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Inhibin B	ELISA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**2 mL (0.2)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
Special Instructions:	Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: 48 hours; Frozen 1 month.			

GENERAL INFORMATION	
Testing Schedule:	Wed
Expected TAT:	2-8 Days
Cpt Code(s):	83520

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Interleukin 28 B (IL28B) AccuType(R)

Order Name: **IL28B GENO**
Test Number: 9103400

TEST COMPONENTS	REV DATE:9/1/2011
Test Name:	**Methodology:**
IL28B SNP rs1297860	PCR
IL28B Interpretation	

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**5mL(2mL)**	**Whole Blood**	**EDTA (Lavender Top)**	**Room Temperature**
Special Instructions:	Specimen Stability: Room temperature: 8 days, Refrigerated: 8 days, Frozen: Do not freeze.			

GENERAL INFORMATION	
Testing Schedule:	Sun,Tue,Thr
Expected TAT:	3-5 Days from set up.
Clinical Use:	The C polymorphism in rs12979860 is strongly associated with a two-fold greater sustained virological response in European, African American, and Hispanic populations. Knowledge of host genotype patients infected with HCV will aid in the clinical decision to initiate treatment with PegIFN and RBV (a 48 week course of interferon and ribavirin which has limited efficacy and is often poorly tolerated due to side effects that prevent patients from finishing treatment).
Notes:	This assay detects the rs12979860C/T variant upstream of the IL28B gene. The presence of cytosine (C) is associated with an approximate two-fold improved response rate across ethnicites compared to thymine (T) at the same position. Approximately 70% of Caucasians, 40% of African-Americans and 95% of Asians carry at least one copy of the rs12979860C variant allele. To detect the rs12979860C/T variant, a region upstream of the IL28B gene is amplified by polymerase chain reaction (PCR), followed by detection on a real-time PCR platform using an allelic discrimination method.
Cpt Code(s):	83891, 83896x2, 83898, 83912

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Islet Cell Antibody, IgG

Order Name: **ISLET AB**
Test Number: 3805675

TEST COMPONENTS	REV DATE:8/31/2011
Test Name:	**Methodology:**
Islet Cell Antibody, IgG	IFA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**2mL (0.15)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Refrigerated**

GENERAL INFORMATION	
Testing Schedule:	Mon, Wed, Fri
Expected TAT:	2-4 Days
Clinical Use:	Islet cell antibodies (ICAs) are associated with type 1 diabetes (T1D), an autoimmune endocrine disorder. These antibodies may be present in individuals years before the onset of clinical symptoms. To calculate Juvenile Diabetes Foundation (JDF) units: multiply the titer x 5 (1:8 8 x 5 = 40 JDF Units).
Notes:	Cross References: Anti-Islet Cell Antibody, IgG (Islet Cell Antibody, IgG), CICA (cytoplasmic Islet cell antibody) Islet cell antibody sera will react with the cytoplasm (Isl, ICA (Islet Cell Antibody, IgG)
Cpt Code(s):	86341

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Islet Cell Antigen 512 Autoantibodies

Order Name: **ISLET AG**
Test Number: 3809750

TEST COMPONENTS	REV DATE:8/31/2011
Test Name:	**Methodology:**
Islet Cell Antigen 512 Autoantibodies	RBA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**1 mL (0.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Refrigerated**

GENERAL INFORMATION	
Testing Schedule:	Tue, Fri
Expected TAT:	4-6 Days
Clinical Use:	Type 1 diabetes is characterized by lymphocytic cell infiltrate of the pancreatic islets. Measurement of GAD-65, ICA-512, and Insulin Antibody is a highly sensitive means to assess risk and predict onset of Type I diabetes. There is a correlation between the number of positive antibodies and the antibody titers versus the severity of the autoimmune process.
Notes:	Cross References: Beta-Cell Autoantibody to IA-2 (IA-2 Antibody), Insulinoma Associated 2 Antibody (IA-2 Antibody), Islet Cell Antigen (ICA) 512 (IA-2 Antibody)
Cpt Code(s):	86341

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Lyme Disease (Borrelia spp) DNA Qualitative, Blood

Order Name: **LYME PCR**
Test Number: 3622100

TEST COMPONENTS	REV DATE:8/30/2011
Test Name:	**Methodology:**
Lyme Disease (Borrelia spp) DNA Qualitative, Blood	PCR

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**4.5 mL (0.5)**	**Whole Blood**	**EDTA (Lavender Top)**	**Refrigerated**
Special Instructions:	Specimen Stability: Room temperature: 48 Hours, Refrigerated: 7 Days, Frozen: Unacceptable.			

GENERAL INFORMATION	
Testing Schedule:	Mon-Sun
Expected TAT:	3-5 Days
Clinical Use:	The diagnosis of Lyme Disease is most often made by clinical examination combined with evidence of tick bite or exposure in endemic areas. Amplification of Borrelia genomic DNA from blood, fluids or tissue can support the diagnosis.
Cpt Code(s):	87801

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Metanephrines, Plasma (Free)

Order Name: **METANEPH P**
Test Number: 3804325

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Metanephrines, Plasma (Free)	HPLC

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**4 mL (1.5)**	**Plasma**	**EDTA (Lavender Top)**	**Frozen**
Special Instructions:	**Remove plasma from cells and freeze ASAP.** Separate specimens must be submitted when multiple tests are ordered. **Unacceptable Specimens:** Grossly hemolyzed, ambient, or refrigerated specimens. Stability after separation from cells: Ambient= Unacceptable; Refrigerated= Unacceptable; Frozen= 1 month. **Patient Preparation:** Discontinue epinephrine and epinephrine-like drugs at least one week before obtaining the specimen. The patient must refrain from using acetaminophen for 72 hours before the specimen is drawn. The patient must refrain from using caffeine, medications, and tobacco; and from drinking coffee, tea, or alcoholic beverages for at least four hours before the specimen is drawn. Collect the sample after the patient has had 15 minutes rest in a supine position. An overnight fast prior to sample collection is recommended.			

GENERAL INFORMATION	
Testing Schedule:	Sun, Tue-Sat
Expected TAT:	2-6 Days
Notes:	Test includes: Metanephrine, Normetanephrine and Interpretation.
Cpt Code(s):	83835

REGIONAL MEDICAL LABORATORY
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TULSA, OKLAHOMA 74104-6502

Myasthenia Gravis Panel 2

Order Name: **ACETY BBM**
Test Number: 5500250

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Acetylcholine Receptor Binding Antibody	RIA
Acetylcholine Receptor Blocking Antibody	RIA
Acetylcholine Receptor Modulating Antibody	RIA

SPECIMEN REQIREMENTS

	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**2 mL (1.5)**	**Serum**	**Clot Activator (Red Top, No-Gel)**	**Refrigerated**
Alternate Specimen:	**2 mL (1.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Refrigerated**
Special Instructions:	SST Clot tubes acceptable, however it is best if collected in non-gel clot tubes. Specimen stability: Room temperature: 2 hours; Refrigerated: 2 weeks; Frozen: 1 year.			

GENERAL INFORMATION

Testing Schedule:	Sun-Sat
Expected TAT:	4-6 Days
Clinical Use:	Myastenia Gravis is a neurological disorder characterized by a decrease in acetylcholine receptors. Patients exhibit skeletal muscle weakness and fatigability. Approximately 80% of patients with Myastenia Gravis, excluding ocular involvement only, have detectable acetylcholine receptor antibody.
Cpt Code(s):	83519x3

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Organic Acids Serum/Plasma

Order Name: **ORG ACID P**
Test Number: 3607575

TEST COMPONENTS	REV DATE:8/26/2011
Test Name:	**Methodology:**
Organic Acids Serum/Plasma	GC/MS

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**2 mL (0.5)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
Alternate Specimen:	**2 mL (0.5)**	**Plasma**	**EDTA (Lavender Top)**	**Frozen**
Special Instructions:	**Separate Serum and Plasma from cells and Freeze ASAP!**			

GENERAL INFORMATION	
Testing Schedule:	Mon-Fri
Expected TAT:	4-5 Days
Cpt Code(s):	83918

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Vitamin D, 1,25-Dihydroxy (Vit D 1-25-DOH)

Order Name: **VIT D1-25**
Test Number: 3603730

TEST COMPONENTS	REV DATE:8/4/2011
Test Name:	**Methodology:**
Vitamin D, 1,25-Dihydroxy (Vit D 1-25-DOH)	RIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**3mL (1mL)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
Alternate Specimen:	**3mL (1mL)**	**Plasma**	**EDTA (Lavender Top)**	**Frozen**
Special Instructions:	Preferred transport temperature is Frozen. Refrigerated specimens are acceptable within the refrigerated stability range of 1 week. **Stability: After separation from cells: Ambient: 3 days; Refrigerated: 1 week; Frozen: 6 months.** *(Note: If ordering both Vitamin D 25-OH and Vitamin D 1-25DOH then separate serum into two individual aliquots and freeze. See collection instructions for Vitamin D 25-Hydroxy.)			

GENERAL INFORMATION	
Testing Schedule:	Sun-Sat
Expected TAT:	3-4 Days
Clinical Use:	Vitamin D originating from dietary and endogenous sources is converted to 25-hydroxyvitamin D in the liver, and subsequently to 1-25 Dihydroxy vitamin D in the kidney. Deficiencies of 1-25 Dihydroxy vitamin D, the most active form, cause hypocalcemia, osteomalacia, and related disorders. Measurement is useful in: differentiating primary hyperparathyroidism from hypercalcemia of cancer; distinguishing between vitamin D dependent and vitamin D resistant rickets; monitoring vitamin D status of patients with chronic renal disease; and, assessing compliance to therapy.
Cpt Code(s):	82652

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Vitamin D, 25-Hydroxy Total (Vit D 25-OH)

Order Name: **VIT D TOTL**
Test Number: 2023925

TEST COMPONENTS	REV DATE:8/15/2011
Test Name:	**Methodology:**
Vitamin D, 25-Hydroxy Total (Vit D 25-OH)	CIA

SPECIMEN REQIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	**1mL (0.3)**	**Serum**	**Clot Activator SST (Red/Gray or Tiger Top)**	**Frozen**
Alternate Specimen:	**1mL (0.3)**	**Plasma**	**EDTA (Lavender Top)**	**Frozen**
Special Instructions:	Preferred transport temperature is Frozen. Refrigerated specimens are acceptable within the refrigerated stability range of 1 week. **Specimen Stability: Room temperature= Not acceptable, Refrigerated= 7 days, Frozen= 6 months.** *(Note: If ordering both Vitamin D 25-OH and Vitamin D 1-25DOH then separate serum into two individual aliquots and freeze. See collection instructions for Vitamin D 1-25 Dihydroxy.)			

GENERAL INFORMATION	
Testing Schedule:	Mon-Fri
Expected TAT:	2-3 Days
Clinical Use:	Measurement of serum 25-OH vitamin D concentrations provide a good index of circulating vitamin D activity in patients not suffering from renal disease. Lower than normal 25-OH vitamin D levels can result from a dietary deficiency, poor absorption of the vitamin or impaired metabolism of the sterol in the liver. A 25-OH vitamin D deficiency can lead to bone diseases such as rickets and osteomalacia. Above normal levels can lead to hypercalcemia.
Notes:	This assay reports the sum total of 25-OH Vitamin D3 and 25-OH Vitamin D2.
Cpt Code(s):	82306