

> Anemia Analyzer

 Order Name: **ANEMIA AN**

Test Number: 110800

TEST COMPONENTS		REV DATE:5/10/2011
Test Name:	Methodology:	
Anemia Analyzer Smear	MC	
Complete Blood Count (CBC) with Automated Differential	FC	
Immature Platelet Fraction	FC	
Reticulocyte (Retic) Count	FC	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	15 mL	Whole Blood	EDTA (lavender top) & Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	Collect one 5ml EDTA (Lavender) and one 10 ml Clot Activator SST (Red/Grey or Tiger). For best results Room temperature specimens should be tested within 12hrs, otherwise send Refrigerated. Refrigerated specimens can be tested up to 24hrs. Specimens received after 24hrs will not receive a 5 part differential. Specimens received greater than 48hrs old will be canceled.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	1 Day
Clinical Use:	This algorithm is used in the evaluation of newly encountered anemia. A CBC and reticulocyte count begin a cascade with the appropriate chemistry tests added as needed. The peripheral blood smear, the results of the biochemical tests and the patient clinical history is reviewed by a pathologist who issues an interpretive report.
Notes:	For more information on this Analyzer, access our "Specialized Tests" section of this guide for a complete listing of tests and CPT codes.
Cpt Code(s):	See the Test Notes Section of this test.

Complete Blood Count (CBC) with Automated Differential

 Order Name: **CBC**

Test Number: 101301

TEST COMPONENTS		REV DATE:5/10/2011
Test Name:	Methodology:	
White Blood Cell Count (WBC)	FC	
Red Blood Cell Count (RBC)	FC	
Hemoglobin (HGB)	FC	
Hematocrit (HCT)	FC	
Mean Corpuscular Volume (MCV)	FC	
Mean Corpuscular Hemoglobin (MCH)	FC	
Mean Corpuscular Hgb Concentration (MCHC)	FC	
RBC Distribution Width (RDW)	FC	
Platelet Count (PLT)	FC	
Mean Platelet Volume (MPV)	FC	
Absolute Neutrophil	FC	
Absolute Lymphocyte	FC	
Absolute Monocyte	FC	
Absolute Eosinophil	FC	
Absolute Basophil	FC	
RDW - RBC Distribution-S	FC	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	4 mL (1)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Special Instructions:	For best results Room temperature specimens should be tested within 12hrs, otherwise send Refrigerated. Refrigerated specimens can be tested up to 24hrs. Specimens received after 24hrs will not receive a 5 part differential. Specimens received greater than 48hrs old will be canceled.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	1 Day
Notes:	A manual differential will be performed at an additional cost if indicated.
Cpt Code(s):	85025



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> Complete Blood Count (CBC) without Differential

Order Name: **CBC NO DIF**

Test Number: 101425

TEST COMPONENTS		REV DATE:5/10/2011
Test Name:	Methodology:	
White Blood Cell Count (WBC)	FC	
Red Blood Cell Count (RBC)	FC	
Hemoglobin (HGB)	FC	
Hematocrit (HCT)	FC	
Mean Corpuscular Volume (MCV)	FC	
Mean Corpuscular Hemoglobin (MCH)	FC	
Mean Corpuscular Hgb Concentration (MCHC)	FC	
RBC Distribution Width (RDW)	FC	
Platelet Count (PLT)	FC	
Mean Platelet Volume (MPV)	FC	
RDW - RBC Distribution-S	FC	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	4mL (1)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Special Instructions:	For best results Room temperature specimens should be tested within 12hrs, otherwise send Refrigerated. Refrigerated specimens can be tested up to 24hrs. Specimens received greater than 48hrs old will be canceled.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	1 Day
Cpt Code(s):	85027



> Complete Blood Count with Differential

Order Name: **CBC M DIFF**

Test Number: 108050

TEST COMPONENTS		REV DATE:5/10/2011
Test Name:	Methodology:	
Complete Blood Count (CBC)	FC	
WBC Differential Count, Manual	MC	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	4 mL (1)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Alternate Specimen:	4 mL (1)	Whole Blood	EDTA (Lavender) Microtainer/Bullet	Refrigerated
Special Instructions:	For best results Room temperature specimens should be tested within 12hrs, otherwise send Refrigerated. Refrigerated specimens can be tested up to 24hrs. Specimens received after 24hrs will not receive a 5 part differential. Specimens received greater than 48hrs old will be canceled.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	1 Day
Clinical Use:	The white blood cell count is useful in the diagnosis and management of infection, inflammatory disorders, hematopoietic malignancies, evaluation of myelopoietic disorders, drug effects, and response to various cytotoxic agents. The differential count is performed to acquire further information concerning the above states and enables one to arrive at values for the absolute value of discrete WBC population. Absolute values for individual cell populations are obtained from a combination of the WBC count and the % of each cell type from the differential.
Cpt Code(s):	85027, 85007



> **Estradiol, Serum Ultra Sensitive (17 Beta-Estradiol, E2)**

Order Name: **ULTR ESTRD**

Test Number: 3600375

TEST COMPONENTS

REV DATE:5/3/2011

Test Name:

Methodology:

Estradiol, Serum Ultra Sensitive (17 Beta-Estradiol, E2)

LC/MS/MS

SPECIMEN REQUIREMENTS

	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	2.5 mL (0.2)	Serum	Clot Activator (Red Top, No-Gel)	Refrigerated
Special Instructions:	Specify age and sex on test request form. Serum samples collected in SST clot tubes are not acceptable specimen types.			

GENERAL INFORMATION

Testing Schedule: Mon - Sat

Expected TAT: 3 Days

Clinical Use: Estradiol is the major estrogenic hormone secreted by the ovaries. Measurement of estradiol may be useful in women to assess ovarian function in patients with menstrual disorders, precocious or delayed puberty, and menopause and useful in men to assess gynecomastia.

Notes: Estradiol-17b (E2) is the major bioactive estrogen produced in the ovary. Serum E2 is measured to determine the estrogen status of women, such as in some cases of amenorrhea, and as a guide to monitoring follicular development during induction of ovulation. E2 is also produced by the adrenal glands, and in males by the testes, as well as via peripheral conversion from testosterone. The assay has high sensitivity well suited to measurements in children.

Cpt Code(s): 82670



> Glucose Tolerance (1 Hour Only) Glucola

Order Name: **GLUC 1 HR**

Test Number: 2012650

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Tolerance (1 Hour Only) Glucola	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Alternate Specimen:	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
	1 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	If the patient is not pregnant please use Glucose Tolerance (2 Hour Only) order name GLUC 2 HR . Fasting is not necessary. Preferably performed at 28 weeks gestation. Give 50 grams of glucola. Draw 1 hour after glucola load. Lithium heparin and clot tube must be spun within 2 hours for the integrity of the specimen. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	1-2 days
Clinical Use:	This is the screening test for gestational diabetes. It should only be performed on pregnant females. The reference ranges and interpretive data contain the established reference ranges, interpretive data, and criteria for confirming diagnosis of gestational diabetes. The glucola dosing is 50g.
Cpt Code(s):	82950

➤ Glucose Tolerance (2 Hour Only) Glucola

 Order Name: **GLUC 2 HR**

Test Number: 2002250

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Tolerance (2 Hour Only) Glucola	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium Floride (Gray)	Refrigerated
Alternate Specimen:	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
	1 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	According to the American Diabetes Association, Collect specimen 2 hours after the patient ingests 75 grams of Glucola. Lithium heparin and clot tube must be spun within 2 hours for the integrity of the specimen. If doctor instructs the patient to ingest a Normal Meal, then order GLUC 2HRPC Glucose Tolerance (2 Hour Only) Post Prandial. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	Criteria for Diagnosis of Diabetes from the American Diabetes Association recommends Random plasma glucose >200 mg/dl with symptoms (polyuria, polydypsia, and unexplained weight loss) repeated to confirm on subsequent day, or Fasting plasma glucose >126 mg/dl repeated to confirm, or 2-hr plasma glucose >200 mg/dl post 75g glucose challenge repeated to confirm.
Notes:	Glucose measurements are used in the diagnosis and treatment of carbohydrate metabolism disorders including diabetes mellitus, neonatal hypoglycemia and idiopathic hypoglycemia and pancreatic islet cell carcinoma.
Cpt Code(s):	82950

➤ Glucose Tolerance (2 Hour) w/90 minute, w/o Urine

 Order Name: **GTT 2 HR**

Test Number: 2016800

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Fasting	Hexokinase	
Glucose 0.5 Hour Tolerance	Hexokinase	
Glucose 1 Hour Tolerance	Hexokinase	
Glucose 1.5 Hour Tolerance	Hexokinase	
Glucose 2 Hour Tolerance	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Alternate Specimen:	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
	1 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	Fasting overnight and during test. Patient may have water. Draw fasting specimen. Adults: Give 75 grams of glucola. Children: Adjusted amount of glucola to be calculated by lab. Call (918) 744-2500. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	Criteria for Diagnosis of Diabetes from the American Diabetes Association recommends Random plasma glucose >200 mg/dl with symptoms (polyuria, polydypsia, and unexplained weight loss) repeated to confirm on subsequent day, or Fasting plasma glucose >126 mg/dl repeated to confirm, or 2hr plasma glucose >200 mg/dl post 75g glucose challenge repeated to confirm.
Notes:	For more information on this test, access our "Specialized Tests" section.
Cpt Code(s):	82951; 82952X2

> **Glucose Tolerance (3 Hour) Gestational Diabetes Panel**

 Order Name: **GTT PREG**

Test Number: 2023550

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Gestational Fasting Glucose	Hexokinase	
Gestational 1hr Glucose	Hexokinase	
Gestational 2hr Glucose	Hexokinase	
Gestational 3hr Glucose	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	2 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Alternate Specimen:	2 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
	2 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	If the patient is not pregnant please use Glucose Tolerance (2 Hour Only) order name GLUC 2 HR . Must schedule collection Monday thru Friday from 8am to 12pm. Overnight fasting required. Nothing by mouth except water during testing. Collect a full Sodium fluoride (gray top) tube to for each time interval. 2mL (0.5) of Plasma is required for each glucose interval. Collect and label a baseline gray top tube for the Fasting Glucose. Then give the patient 100 grams Glucola. Collect and label a gray top for 1 hour, 2 hours and 3 hour intervals after the ingestion of the Glucola. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	Used in diagnosing gestational diabetes, and to predict perinatal morbidity, risk of fetal abnormality and perinatal mortality.
Notes:	For more information on this test, access our "Specialized Tests" section.
Cpt Code(s):	82951; 82952

➤ Glucose Tolerance (3 Hour) w/o Urine

 Order Name: **GTT 3 HR**

Test Number: 2006700

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Fasting	Hexokinase	
Glucose 0.5 Hour Tolerance	Hexokinase	
Glucose 1 Hour Tolerance	Hexokinase	
Glucose 2 Hour Tolerance	Hexokinase	
Glucose 3 Hour Tolerance	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Alternate Specimen:	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
	1 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	Fasting overnight and during test. Patient may have water. Draw fasting specimen. Adults: Give 75 grams of glucola. Children: Adjusted amount of glucola to be calculated by lab. Call (918) 744-2500. Specimen stability: Ambient 8 hours. Refrigerated 7 days. If the patient is pregnant please use Glucose Tolerance (3 Hour) Gestational Diabetes Panel order name GTT PREG			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	There are no established guidelines, reference ranges or criteria, for the evaluation of a three hour specimen following a three hour glucose challenge.
Notes:	This test should no longer be used to diagnose diabetes. The current ADA criteria for diagnosis of diabetes will be listed in the interpretive data on this test.
Cpt Code(s):	82951; 82952x2



➤ **Glucose Tolerance (4 Hour) w/o Urine**

Order Name: **GTT 4 HR**

Test Number: 2002375

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Fasting	Hexokinase	
Glucose 0.5 Hour Tolerance	Hexokinase	
Glucose 1 Hour Tolerance	Hexokinase	
Glucose 2 Hour Tolerance	Hexokinase	
Glucose 3 Hour Tolerance	Hexokinase	
Glucose 4 Hour Tolerance	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Special Instructions:	Fasting overnight and during test; Patient may have water. Draw fasting specimen. Adults: Give 75 grams of glucola. Children: Adjusted amount of glucola to be calculated by lab. Call (918) 744-2500. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	There are no established guidelines, reference ranges or criteria, for the evaluation of a three hour or four hour specimen following a four hour glucose challenge.
Notes:	For more information on this test, access our "Specialized Tests" section.
Cpt Code(s):	82951; 82952x3



➤ **Glucose Tolerance (5 Hour) w/o Urine**

Order Name: **GTT 5 HR**

Test Number: 2002425

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Fasting	Hexokinase	
Glucose 0.5 Hour Tolerance	Hexokinase	
Glucose 1 Hour Tolerance	Hexokinase	
Glucose 2 Hour Tolerance	Hexokinase	
Glucose 3 Hour Tolerance	Hexokinase	
Glucose 4 Hour Tolerance	Hexokinase	
Glucose 5 Hour Tolerance	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Special Instructions:	Fasting overnight and during test. Patient may have water. Draw fasting specimen. Adults: Give 75 grams of glucola. Children: Adjusted amount of glucola to be calculated by lab. Call (918) 744-2500. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	There are no established guidelines, reference ranges or criteria, for the evaluation of a three hour, four hour or five hour specimen following a five hour glucose challenge.
Notes:	For more information on this test, access our "Specialized Tests" section.
Cpt Code(s):	82951; 82952x4

> **Glucose Tolerance (6 Hour) w/o Urine**

 Order Name: **GTT 6 HR**

Test Number: 2002525

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Glucose Fasting	Hexokinase	
Glucose 0.5 Hour Tolerance	Hexokinase	
Glucose 1 Hour Tolerance	Hexokinase	
Glucose 2 Hour Tolerance	Hexokinase	
Glucose 3 Hour Tolerance	Hexokinase	
Glucose 4 Hour Tolerance	Hexokinase	
Glucose 5 Hour Tolerance	Hexokinase	
Glucose 6 Hour Tolerance	Hexokinase	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	Refrigerated
Special Instructions:	Fasting overnight and during test. Patient may have water. Draw fasting specimen. Adults: Give 75 grams of glucola. Children: Adjusted amount of glucola to be calculated by lab. Call (918) 744-2500. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	There are no established guidelines, reference ranges or criteria, for the evaluation of a three hour, four hour, five hour or six hour specimen following a six hour glucose challenge.
Notes:	For more information on this test, access our "Specialized Tests" section.
Cpt Code(s):	82951; 82952x5



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> **Gonococcus Screen**

Order Name: **C GC**

Test Number: 6000350

TEST COMPONENTS		REV DATE:5/4/2011
Test Name:	Methodology:	
Gonococcus Screen	Cult	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	See Instructions	Swab	Aerobic Swab (White Cap)	Room Temperature
Special Instructions:	Obtain culture from mucosal surface with aerobic white swab or green cap minitip swab. Transport at Room Temperature.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	3 Days
Clinical Use:	Determines Neisseria gonorrhoeae infections
Cpt Code(s):	87081



> **Hepatitis C Quantitative Viral Load, bDNA/TMA
(LOD 10 IU/mL) - (RML Preferred)**

Order Name: **HCV BDNA**

Test Number: 5592935

TEST COMPONENTS		REV DATE:5/9/2011
Test Name:	Methodology:	
HCV bDNA Quantitative IU/mL	bDNA	
HCV bDNA Quantitative Log IU/mL	bDNA	
HCV Qualitative TMA (Reflex ordered only)	TMA	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	6mL (3mL)	Plasma	EDTA (Lavender Top)	Frozen
Special Instructions:	6mL EDTA Plasma - Separated into Two 3mL EDTA Plasma Frozen Aliquots. Centrifuge specimen and separate plasma from cells, then transfer 3mL plasma into two sterile, plastic, aliquot tubes. (Minimum volume two 2mL aliquots). Freeze plasma within 2 hours of collection!			

GENERAL INFORMATION	
Testing Schedule:	Tue
Expected TAT:	3-8 Days
Clinical Use:	The bDNA/TMA test combination assay is recommended by RML as the preferred assay for determining viral load, prognosis and monitoring therapy of the patient. The bDNA Linear range is 615 - 7,700,000 IU/mL. bDNA levels 615 IU/mL from this test code will automatically reflex to qualitative HCV TMA at no extra charge. The qualitative TMA linear range is 10-7,500 IU/mL.
Notes:	This bDNA/TMA assay has an effective lower limit of detection (LOD) of 10 IU/mL.
Cpt Code(s):	87522



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> **Hepatitis C Quantitative Viral Load, PCR
(LOD 43 IU/mL)**

Order Name: **HCV QT PCR**

Test Number: 5593950

TEST COMPONENTS		REV DATE:5/9/2011
Test Name:	Methodology:	
HCV PCR Quantitative IU/mL	PCR	
HCV PCR Quantitative Log IU/mL	PCR	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	6mL (3mL)	Plasma	EDTA (Lavender Top)	Frozen
Special Instructions:	6mL EDTA Plasma - Separated into Two 2. 5mL to 3. 0mL EDTA Plasma Frozen Aliquots. Centrifuge specimen and separate plasma from cells, then transfer 2. 5mL plasma into two sterile, plastic, aliquot tubes. Freeze plasma within 2 hours of collection!			

GENERAL INFORMATION	
Testing Schedule:	Mon - Sat
Expected TAT:	4 Days
Clinical Use:	To determine the viral load of HCV. Linear Range of 43-69,000,000 IU/mL.
Notes:	This assay has a lower limit of detection (LOD) of 43 IU/mL
Cpt Code(s):	87522



> Lactose Tolerance

Order Name: **LACTOS TOL**

Test Number: 2003300

TEST COMPONENTS		REV DATE:5/11/2011
Test Name:	Methodology:	
Lactose Fasting	Colorimetric	
Lactose 0.5 Hour Tolerance	Colorimetric	
Lactose 1 Hour Tolerance	Colorimetric	
Lactose 2 Hour Tolerance	Colorimetric	
Lactose 3 Hour Tolerance	Colorimetric	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Plasma		See Instructions
Special Instructions:	Call Laboratory at (918) 744-2500 for instructions. Patient must be fasting overnight and during test. 50 grams of lactose is administered following an overnight fast. Specimen stability: Ambient 8 hours. Refrigerated 7 days.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Fri
Expected TAT:	1-2 days
Clinical Use:	Used to determine primary lactose intolerance due to decrease synthesis of lactase, or secondary to any disease characterized by diffuse damage to the intestinal epithelium.
Cpt Code(s):	82951; 82952X2



➤ Mononucleosis (EBV) Analyzer

Order Name: **MONO AN**

Test Number: 5545275

TEST COMPONENTS		REV DATE:5/25/2011
Test Name:	Methodology:	
Mononucleosis (EBV) Analyzer	DA	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	Two 1mL Aliquots	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	Separate serum specimen into 2 aliquots, labeling one for the monospot screen and the other for possible EBV Serology. Keep specimens refrigerated.			

GENERAL INFORMATION	
Testing Schedule:	Mon, Wed, Fri
Expected TAT:	1-3 Days
Clinical Use:	For the evaluation of Mononucleosis caused by the Epstein Barr Virus. If the monospot screen is negative, the following serology tests for Epstein Barr Virus will be implemented at an additional charge: EBV (Epstein Barr Virus), Viral Capsid Antibodies (EBV-VCA IgG & IgM Ab) EBV (Epstein Barr Virus), Early Antigen (EA) Antibody EBV (Epstein Barr Virus), Nuclear Antigen Antibody (EBNA)
Notes:	For more information on this Analyzer, access our "Specialized Tests" section of this guide for a complete listing of tests and CPT codes.
Cpt Code(s):	86308 (if reflexed: 86665X2, 86663, 86664)



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➤ **MRSA (Methicillin Resistant Staphylococcus aureus)**

Order Name: **C MRSA**

Test Number: 6002050

TEST COMPONENTS		REV DATE:5/10/2011
Test Name:	Methodology:	
MRSA (Methicillin Resistant Staphylococcus aureus)	Cult	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	Swab	Swab	Aerobic Swab (White Cap)	Room Temperature
Special Instructions:	Swab anterior nares, perineal region or directly from suspected area. other skin sources or throat are also acceptable. Other swabs are acceptable, including Aimes Gel Swab.			

GENERAL INFORMATION	
Testing Schedule:	Daily
Expected TAT:	3 Days
Clinical Use:	Confirms presence or absence of methicillin resistant Staph aureus
Notes:	Set up on Chromogenic Agar to facilitate identification.
Cpt Code(s):	87081



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> **Thyroid Stimulating Hormone Receptor Antibody (TRAb)**

Order Name: **TSH REC AB**

Test Number: 4502225

TEST COMPONENTS

REV DATE:5/9/2011

Test Name:

Methodology:

Thyroid Stimulating Hormone Receptor Antibody (TRAb)

ECIA

SPECIMEN REQUIREMENTS

	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1mL (0.3)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Frozen
Special Instructions:	Critical Frozen - Allow serum to clot and Freeze ASAP Separate specimens must be submitted when multiple tests are ordered. Unacceptable Conditions: Plasma. Grossly hemolyzed or lipemic specimens. Stability: Ambient= 24 hours; Refrigerated= 3 days; Frozen= 1 month.			

GENERAL INFORMATION

Testing Schedule: Sun-Sat

Expected TAT: 2-3 Days

Notes: Positive results are consistent with autoimmune thyroid disease.

Cpt Code(s): 83520



➤ **Trypsin (Trypsinogen)**

Order Name: **TRYPSIN**

Test Number: 3658575

TEST COMPONENTS		REV DATE:5/4/2011
Test Name:	Methodology:	
Trypsin (Trypsinogen)	RIA	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	1 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Frozen
Special Instructions:	Refrigerated or Frozen Aliquot Preferred. Hemolysis and Lipemia is unacceptable. Posted stability: Room temperature= 7 days, Refrigerated= 7 days, Frozen= 28 days.			

GENERAL INFORMATION	
Testing Schedule:	Tues, Thur
Expected TAT:	3-5 Days
Clinical Use:	Trypsin (or trypsinogen) is considered a specific indicator of pancreatic damage. Increased values over the determined normal range may indicate inflammatory pancreatic condition.
Cpt Code(s):	83519



➤ **VMA (Vanillylmandelic Acid), 24-Hour Urine**

Order Name: **VMA**

Test Number: 3609850

TEST COMPONENTS		REV DATE:5/31/2011
Test Name:	Methodology:	
VMA (Vanillylmandelic Acid), 24-Hour Urine	HPLC	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred Specimen:	5 mL (1.5)	Urine, 24-hour	24 hour Urine Container	Refrigerated
Special Instructions:	Refrigeration is the preferred method of preservation. Preservation can be helped by adding 25mL 6N HCL. Mark collection duration and total volume on transport tube and test request form. Stability: Ambient= Unacceptable; Refrigerated= 1 week; Frozen= 2 weeks.			

GENERAL INFORMATION	
Testing Schedule:	Sun, Tue-Sat
Expected TAT:	2-4 Days
Clinical Use:	Urinary vanillylmandelic acid (VMA) is the end product of catecholamine metabolism and reflects catecholamine production by chromaffin cells of the adrenal medulla or by the sympathetic nervous system. Pheochromocytomas are rare tumors of the chromaffin cells located in or near the adrenal glands. These tumors are diagnosed on the basis of elevated levels of urinary metanephrines, urinary VMA, and plasma and/or urine catecholamines. Measurement of homovanillic acid (HVA) has little value in identifying patients with pheochromocytoma, but differentiates neuroblastoma. Neuroblastomas are malignant tumors of children, occurring usually before two years of age; both VMA and HVA levels help in diagnosing these tumors. Gangliomas are rare, benign, well-differentiated tumors in young adults and are associated with excess production of catecholamines and metabolites.
Cpt Code(s):	84585, 82570