

MGHS Test Change Implementation Notice
 Effective immediately or as otherwise noted

Changes to existing assays.

Published name for this test has changed as well as specimen requirements and reporting units. Change is effective October 27, 2009.

PHENYTOIN, TOTAL AND FREE, SERUM
 Marquette General Health System

General Info

Alpha Code	PTNTF
MGH LIS Test No	689
Schedule	Monday through Sunday
Testing Time	1 day
Testing Lab	Mayo Labs
QORR Test Code	PTNTF

Specimen Info

Type	1 Red Top (Plain)
Volume	2.0 mL Serum
Temperature	Refrigerate

Methods

Membrane Separation/Fluorescence Polarization Immunoassay (FPIA) Technique

CPT Codes

80186, 80185

Reference Range

PHENYTOIN, TOTAL

Therapeutic concentration:

10-20 mcg/mL

Toxic concentration (automatic call-back):

> or = 25 mcg/mL

PHENYTOIN, FREE

Therapeutic concentration:

1.0-2.0 ug/mL

Toxic concentration (automatic call-back):

> or = 2.5 mcg/mL

Published name for this test has changed as well as specimen requirements and reporting units. Change is effective October 27, 2009.

FLECAINIDE, SERUM

Marquette General Health System

General Info

Alpha Code	FLEC
MGH LIS Test No	385
Schedule	Monday through Saturday (varies)
Testing Time	1 Day
Testing Lab	Mayo Labs
QORR Test Code	FLEC

Specimen Info

Type	1 Red Top (Plain)
Volume	3 mL Serum
Temperature	Ambient
Preservative	
Collection Info	Draw blood in a plain, red-top tube(s). (Serum gel tube is not acceptable.) Spin down and send 3 mL of serum.

Methods

High-Performance Liquid Chromatography (HPLC)

CPT Codes

80299

Reference Range
0.2-1.0 mcg/mL
Automatic call-back: >1.0 mcg/mL

The components of this panel have been made modified to accommodate changes to the testing algorithm. Please see methods below for updated information. CPT codes and test number have also been updated. Pricing for the initial components has not changed for reference lab clients.

LUPUS ANTICOAGULANT (PATIENT NOT ON HEPARIN OR COUMADIN)
Marquette General Health System

General Info

Alpha Code	PTTLA
MGH LIS Test No	3424
Schedule	Mon, Wed, and Fri
Testing Time	Varies
Testing Lab	Marquette General Hospital
QORR Test Code	PTTLA

Methods

Photo optical clot detection Patient's plasma is initially screened with a PTT and DVVT before going on with a cascade of tests. Based upon initial screening results the following may be added: Thrombin Time, DVVT Confirmation, Normalized Ratio, DDT, Inhibitor screen (mixing studies) PTT's or PT's, Factor 8 Assay, or Hexagonal LA assay. When indicated, a pathologist interpretative comment will be attached.

CPT Codes
85730, 85670 (additional CPT's as required)

Reference Range
An interpretive report will be provided.

New testing available

(Reference clients please contact MGHS lab for pricing)

RAPID STAPH AUREUS AND MRSA PCR-SKIN & SOFT TISSUE SWABS
Marquette General Health System

General Info

Alpha Code	MICROREQ.
MGH LIS Test No	353
Schedule	Daily
Testing Time	2 Hours
Testing Lab	Marquette General Hospital
QORR Test Code	RMRSAS

Specimen Info

Type	Swab
Volume	
Temperature	Refrigerated
Preservative	
Collection Info	Collect specimen using Copan double swab 139CFA or BD double culturette with Stuarts media. Send specimen refrigerated. Specimen is stable at room temperature for up to 24 hours.

Methods
Real Time PCR

Clinical Utilities
Detection of Staph aureus and MRSA.

CPT Codes
87640, 87641

Reference Range
Negative for Staph aureus and MRSA.

RAPID STAPHYLOCOCCUS AUREUS AND MRSA PCR ON BLOOD CULTURE MEDIA
Marquette General Health System

General Info

Alpha Code	MICROREQ.
MGH LIS Test No	3534
Schedule	Daily
Testing Time	2 Hours
Testing Lab	Marquette General Hospital
QORR Test Code	RMRSAB

Specimen Info

Type	
Volume	
Temperature	Refrigerate
Preservative	
Collection Info	Transfer 5 mL of positive blood culture media into a sterile, screw-cap tube. If not tested within 4 hours, aliquot should be frozen and sent ASAP. Blood culture media containing charcoal should not be used. Please indicate the type of media used for recovery.

Methods

Real Time PCR

Clinical Utilities

Detection of Staphylococcus aureus and MRSA from positive blood cultures.

CPT Codes

87640 87641

Reference Range

Negative for Staphylococcus aureus and MRSA.