



Heparin Antibody (HIT) Confirmation Panel

Machaon Diagnostics is a clinical reference laboratory specializing in the diagnosis, treatment and monitoring of hemostatic and thrombotic conditions. Machaon Diagnostics focuses on critical testing needed quickly to inform treatment decisions.

Draw kits with free priority overnight shipping available. Call for kits.

Background

HIT is diagnosed based on a combination of clinical suspicion and laboratory assays. Clinical scoring systems have been developed to identify the pretest probability of having HIT. These systems are based on the degree and timing of thrombocytopenia, the presence of thrombosis and the presence of other potential causes of thrombocytopenia.

Two types of laboratory assays exist: immune-based and functional. Several ELISA assays have been developed to identify antibodies against the heparin/PF4 complex. These ELISA assays have been shown to have high sensitivity, but low specificity, for clinical HIT. Functional GOLD STANDARD assays require a technical expertise and include the washed-platelet Heparin-induced Platelet Activation assay (wp-HIPA) and the Serotonin Release Assay (SRA). The functional assays have high specificity, measuring the ability of HIT antibodies to activate platelets. A positive functional result is considered very clinically significant. Assays utilizing washed platelets, such as the wp-HIPA and SRA, offer improved sensitivity over those using platelet rich plasma (PRP). The wp-HIPA and SRA assays have the same published sensitivity and specificity. All functional assays are highly dependent on the reactivity of the donor platelets; therefore utilizing platelet donors that have been screened for high reactivity in the assay is essential.

**24-hour
turnaround
time**

- Weekend testing for STATs
- Draw Kits Available
- Free Priority Overnight Shipping
- Room Temperature Shipping
- Clinical Consultation Available

Turnaround Time:
< 24 hours

STAT Turnaround Time:
< 24 hours (7 days a week)

Method:
Immunologic (ELISA) and functional washed-platelet HIPA (*GOLD STANDARD*)

Specimen:
1mL serum (0.25mL minimum)

Stability:
7 days at 2-25°C or frozen (2 weeks)

CPT Code:
83520, 86022 x3

Days Run:
ELISA run 7 days a week
wp-HIPA run Mon, Wed, Fri



Example of Machaon Turnaround Time A sample drawn and sent on Monday is usually reported out Tuesday afternoon.

**TOLL FREE
1-800-566-3462**

Phone : 510-839-5600
Fax: 510-839-6153
E-mail: info@machaondiagnosics.com

Machaon Diagnostics, Inc.
3023 Summit Street
Oakland, CA 94609

Machaon Diagnostics

HIT Antibody Panel Order Form

National Service with Labs in California and Louisiana
 Medical Director: Brad H. Lewis, MD (Oakland, CA lab)
 Medical Director: Gloria Coker, MD (New Orleans, LA lab)
 Phone: (510) 839-5600 Fax: (510) 839-6153

For a complete list of tests please visit our website.

www.MachaonDiagnostics.com

1-800-566-3462

PATIENT INFORMATION <i>(complete or attach)</i>			SUBMITTING FACILITY			
Patient's Name: (Last, First, M.I.)		Gender: <i>(circle one)</i> M / F	Facility Phone Number: _____ Fax Number for Results: _____			
Specimen Date: (MM/DD/YY) Time: AM / PM		Date of Birth: (MM/DD/YY)				
Medical Record / ID#:		Patient's Social Security #:				
ORDERING PHYSICIAN INFORMATION			BILLING INFORMATION			
Physician's Name: (Last, First, M.I.)		Physician's NPI:	Bill to: <input type="checkbox"/> Facility / Inpatient or Outpatient			
Contact Phone Number:		Fax Number for Results:	Bill to: <input type="checkbox"/> Insurance / Outpatient			
Number to call STAT results: <i>(called within 24 hrs)</i>		Call Positives only (Y / N)	<input type="checkbox"/> STAT	Samples shipped for weekend analysis must be ordered STAT. Mark FedEx Airbill for 'SATURDAY Delivery.'		
CLINICAL INFORMATION <i>(if available)</i>			TEST SELECTION			
Platelet Count _____ (K/ μ L), aPTT _____ (sec.) Hematocrit _____ (%)			<input type="checkbox"/> HIT Antibody Panel (ELISA and wp-HIPA)			
Is this patient currently receiving a heparin alternative? (Y / N) (Argatroban / Lepirudin / Fondaparinux / Desirudin / Bivalirudin)			<input type="checkbox"/> HIT Antibody Screen (ELISA) <small>Reflexes to wp-HIPA</small>			
Clinical Suspicion: <i>(circle one)</i> ↓ PLT Count / Positive ELISA / Low-Intermediate T4 Score / Other			<input type="checkbox"/> HIT Antibody Confirmation (wp-HIPA)			
SPECIMEN COLLECTION, PROCESSING AND SHIPPING						
Specimen Collection and Processing			Specimen Shipping			
1. Draw 1 red top tube (serum) and allow blood to clot.			6. Place all forms into document sleeve of the biohazard bag.			
2. Spin tube for serum (approx. 15 minutes at 2000 x g).			7. Ensure that no patient-specific information is visible.			
3. Transfer approximately 1mL serum into the provided tube.			8. Place biohazard bag into the provided FedEx Clinical Pak.			
4. Label tube with patient first and last name, draw date and DOB.			9. Complete the provided FedEx Airbill and affix Airbill pouch to Pak.			
5. Enclose tube in provided box and seal in biohazard bag.			10. Call FedEx 800-238-5355 for a pick-up.			
Note: Samples can be shipped room temperature, frozen or refrigerated. Please call for guidance.						
OUTPATIENT ONLY: INSURANCE BILLING INFORMATION <i>(complete or attach)</i>						
Insurance Company: <i>(Medicare patients must sign ABN)</i>			Patient Address:		Patient Phone Number:	
Insurance Policy / Medicare Number:		Insurance Group Number:	Patient City:		State: Zip Code:	
Insurance Company Address:		Authorization Number:		OUTPATIENT ONLY: PATIENT SIGNATURE Machaon Diagnostics may need to obtain additional information from your physician to complete these services. I hereby authorize the release of medical information related to the services described herein and authorize payment directly to Machaon Diagnostics. Machaon Diagnostics is a PARTICIPATING PROVIDER of Medicare only. When abnormal, the screening test reflexes to the confirmation test; shipping charges may apply. I agree to assume responsibility for payment of all charges not covered by my healthcare insurer.		
Insurance Company City:		State:	Zip Code:			
DIAGNOSIS CODE(S):			Patient's Signature:			
ICD-10 Code:		ICD-10 Code:	ICD-10 Code:		Date:	
ADDITIONAL INFORMATION						
The wp-HIPA (washed-platelet Heparin-induced Platelet Activation) assay was named a reference method or GOLD STANDARD for the treatment and prevention of Heparin-induced Thrombocytopenia (HIT) in recent physician guidelines for managing HIT patients (CHEST 2012). Machaon Diagnostics is a California-licensed, CLIA-accredited, CAP-accredited, clinical laboratory approved to provide high-complexity testing services. Machaon Diagnostics is a PARTICIPATING PROVIDER of Medicare only. Patients with insurance coverage other than Medicare are considered OUT-OF-NETWORK and may be billed for services not covered by their insurance provider. Medicare patients must sign an ABN, either located on the reverse side of this form or downloaded from the Machaon Diagnostics website. Patient insurance billing services are provided in accordance with the Machaon Insurance Billing Policy. HMO or medical group covered patients may need a prior authorization if they seek full reimbursement. For more information please visit www.MachaonDiagnostics.com or call (510) 839-5600.						