

and (4) not for screening purposes.

MOLECULAR GENETICS, NEPHROLOGY AND CANCER & BLOOD DISEASES INSTITUTE CLINICAL LABORATORIES

For test inquiries please call: 513-636-4530 • Fax: 513-803-5056 Email: nephclinicallab@cchmc.org • www.cincinnatichildrens.org/tma

THROMBOTIC MICROANGIOPATHY (aHUS and TTP) TEST REQUISITION

PATIENT INFORMATION	ETHNIC/RACIAL BACKGROUND (Choose All)		
Patient Name:,,,,	 □ European American (White) □ African-American (Black) □ Native American or Alaskan □ Pacific Islander □ Ashkenazi Jewish ancestry 		
Home Phone: MR# Date of Birth / / Gender: Male Female	□ Latino-Hispanic(specify country/region of origin) □ Other(specify country/region of origin)		
□ PATIENT BILLING Please contact 866-450-4198 to arrange prepayment, or with any billing related questions. □ REFERRING INSTITUTION Institution:	COMMERCIAL INSURANCE/ POLICY HOLDER INFORMATION Insurance can only be billed if requested at the time of service. Name: Gender: Date of Birth Authorization Number: Insurance ID Number: Insurance Name: Insurance Address: City/State/Zip: Insurance Phone Number: * PLEASE NOTE: We will bill Medicaid or Medicaid HMO only for tests ordered for: • Cincinnati Children's patients by Cincinnati Children's providers, or • Patients of Non-CCHMC providers who live in the CCHMC service area counties of Ohio (Butler, Clermont, Hamilton, Warren), Kentucky (Boone, Kenton, Campbell) and Indiana (Dearborn).		
☐ Request preauthorization of coverage from patient's insurance company Please see www.cincinnatichildrens.org/diagnosticlabs for complete det	ails.		
Physician Name (print):Address:			
Phone: () Fax: () Genetic Counselor/Lab Contact Name: Phone: () Fax: ()			
Date:/ Patient signed completed ABN	ar Genetics Laboratories would like to remind all physicians that when ordering		

tests that will be paid under federal health care programs, including Medicare and Medicaid programs, that these programs will pay only for those tests the relevant program deems to be (1) included as covered services, (2) reasonable, (3) medically necessary for the treatment and diagnosis of the patient,



	CLINIC	CAL AND LABORATOR	Y INFORMATION (If Availab	ole)		
s the patient receiving plasma infusion or plasmapheresis?: Yes No If yes, date:			Platelets:	Schistocytes: ☐ Yes		
Proband			Bilirubin:			
	☐ Renal disease☐ Neurological disease		Creatinine:			
	☐ Other:					
			C3: C4:			
		SAMPLE/SPECIM	IEN INFORMATION			
Collection	Date:		Has patient received a bone marrow transplant? ☐ Yes ☐ No			
Fime:			If yes, date of bone marrow transplant			
			Percent engraftment			
			Please send saliva kit and two cytobrushes. Note: STR analysis at an additional charge is required on cytobrushes and saliva samples obtained on all patients post BM			
		TEST(S) RE	EQUESTED ^{††}			
Thrombo	tic Microangiopathy (aHUS and TTP)	Profile	ADAMTS13 Testing			
□ Thrombotic Microangiopathy (aHUS and TTP) Profile (Includes C3, C4, Factor H, Factor I, Factor B, Factor H autoantibody, ADAMTS13 activity, MCP/CD46 FACS) Sample Requirements: • 3mL ACD A/B whole blood – room temp, deliver within 24 hours • 1 mL serum - frozen			□ ADAMTS13 Panel (ADAMTS13 Activity, ADAMTS13 Inhibition Test, ADAMTS13 Antibody Quant) Sample Requirements: • 1 mL ppp [†] (no EDTA) - frozen • 1 mL serum - frozen			
• 1 r	mL ppp† (no EDTA) - frozen		□ ADAMTS13 Activity	1 mL ppp† (no EDTA)	frozen	
□ C3	0.5 mL serum	frozen	☐ ADAMTS13 Inhibition Test	1 mL ppp† (no EDTA)	frozen	
□ C4	0.5 mL serum	frozen	☐ ADAMTS13 Antibody Quan	t 1 mL serum	frozen	
☐ Factor	B 0.5 mL serum	frozen				
☐ Factor	I 0.5 mL serum	frozen	Thrombotic Microangiopathy	/ (aHUS and TTP) Genet	tic Testing	
☐ Factor	H 0.5 mL serum	frozen	☐ aHUS Genetic Susceptibility Panel (includes sequence analysis of C3, CFB, CFH, CFHR1, CFHR3, CFHR5, CFI, DGKE, MCP, THBD and MLPA analysis for			
☐ Factor	H Auto-Antibody 0.5 mL serum	frozen				
	TS13 Activity 1 mL ppp† (no l	EDTA) frozen	CFHR1/CFHR3 deletion)	alvaia by MLDA		
by Flor	rane Cofactor Protein (MCP) / CD46 w Cytometry 3 mL ACD A/B w f ordered, sample must be sent by n	hole blood room temp	 □ CFHR1/CFHR3 deletion analysis by MLPA □ Reflex to deletion/duplication of C3, CFB, CFI, DGKE and THBD □ Reflex to deletion/duplication of single gene(s)¹ (specify): 			
	mplement Activation Panel	assist in monitoring	¹ Deletion/Duplication analysis of <i>CFH</i> , ⁽ Sample Requirements: • 3 mL whole blood - room		e at this time.	
	n eculizumab therapy)		☐ Each gene listed above is a	lso available for order a	s an	
□ С3а	0.5 mL EDTA plasma	frozen sep. aliq.	individual test	3 mL whole blood	room temp*	
□ C5a	0.5 mL EDTA plasma	frozen sep. aliq.	Specify gene name:			
□ CH50	0.5 mL serum	frozen	□ ADAMTS13 gene sequencin	_	room temp	
□ SC5b-	9 (MAC) 0.5 mL EDTA plasma	frozen sep. aliq.	☐ Targeted (family specific) m	utation analysis 3 mL whole blood	room temp*	
□Bb	0.5 mL plasma (serum also accepted)	frozen	Gene of interest Proband's name			
PPP= Platelet Poor Plasma. See page 3 for instructions. Call for other acceptable specimen types.			Proband's DOB Proband's mutation Please call 513-636-4474 to			

analysis with genetic counselor prior to shipment.

^{††}Please see page three of requisition for sample and shipping information. SHIP SAMPLES TO: 3333 Burnet Avenue NRB 1042, Cincinnati, OH 45229



TMA TESTING INFORMATION SHEET

SHIP SAMPLES TO: 3333 Burnet Avenue NRB 1042, Cincinnati, OH 45229 LOCAL OR COURIER SAMPLES: deliver to NRB 1013

Test Name	Performing Lab	Specimen Requirements	TAT/ Days Performed	CPT Codes
ADAMTS13 Activity	Nephrology 513-636-4530	1 mL platelet poor plasma Na Cit/Li Hep only (no EDTA)-spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours	85397
ADAMTS13 Antibody Quant	Nephrology 513-636-4530	1 mL red top serum spun, separated, frozen within 2 hrs. of collection; ship on dry ice*	48 hours	85320
ADAMTS13 Gene Sequencing	Molecular Genetics 513-636-4474	3mL EDTA – whole blood- room temperatire	4 weeks	81479
ADAMTS13 Inhibition Test	Nephrology 513-636-4530	1 mL platelet poor plasma Na Cit/Li Hep only (no EDTA)-spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours	85335
ADAMTS13 Panel	Nephrology 513-636-4530	1 mL platelet poor plasma Na Cit/Li Hep only (no EDTA)-spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours	85397 +85335 +85320
aHUS Genetic Susceptibility Panel (C3, CFB, CFH, CFHR1, CFHR3, CFHR5, CFI, DGKE, MCP, THBD)	Molecular Genetics 513-636-4474	3 mL EDTA – whole blood- room temperature*	Up to 12 weeks	81479x10
Any single gene sequencing test	Molecular Genetics 513-636-4474	3 mL EDTA – whole blood- room temperature*	Up to 12 weeks	81479
Targeted mutation analysis	Molecular Genetics 513-636-4474	3 mL EDTA – whole blood- room temperature*	4 weeks	81403
C3	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours/ daily	86160
C4	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours/ daily	86160
CH50	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours/ Mon, Wed, Fri	86162
Factor B	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	3 days, Mon, Fri	86160
Bb	Nephrology 513-636-4530	0.5 mL EDTA plasma (serum also accepted)— spun, separated, frozen within 2 hrs of collection, separate aliquot each test; ship on dry ice	1 week	86160
Factor H	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	3 days/ Mon, Fri	86160
Factor H Auto-Antibody	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	24 hours/ Mon, Thurs stat available	83516
Factor I	Nephrology 513-636-4530	0.5 mL red top serum- spun, separated, frozen within 2 hrs of collection; ship on dry ice	3 days/ Mon, Fri	86160
Membrane Cofactor Protein (MCP)/CD46 by Flow	Cancer and Blood Disease Institute 513-636-4685	3mL ACD (A or B) whole blood- room temperature, MUST be delivered within 24 hours of collection Mon-Fri only	24 hours	86356x3
SC5b-9 (MAC Complex)	Cancer and Blood Disease Institute 513-803-3503	0.5 mL EDTA plasma – spun, separated, frozen within 2 hrs of collection, separate aliquot each test; ship on dry ice	1 week	86160
СЗа	Cancer and Blood Disease Institute 513-803-3503	0.5 mL EDTA plasma – spun, separated, frozen within 2 hrs of collection, separate aliquot each test; ship on dry ice	2 weeks	86160
C5a	Cancer and Blood Disease Institute 513-803-3503	0.5 mL EDTA plasma – spun, separated, frozen within 2 hrs of collection, separate aliquot each test; ship on dry ice	2 weeks	86160

DO NOT FREEZE SAMPLES FOR GENETIC TESTING.

If you need specific instructions for platelet poor plasma, please call 513-636-4530.