UNIVERSITY of IOWA HEALTH CARE

Molecular Otolaryngology & Renal Research Laboratories

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Test Menu Effective 1/3/2017

Hearing Loss Genetic Tests	CPT Codes	Sample Type	Cost	TAT
OtoSCOPE® panel (genetic testing for hearing loss, includes copy number variation testing for all genes)	81430, 81431	**8 - 10 cc EDTA whole blood in (room temperature)** **OR** **10 µg DNA from whole blood (minimum concentration: 50 ng/µl)**	$1650	3 months
Usher panel	81404(x2), 81407(x3), 81408(x2), 81479(x3)		$1650	3 months
GJB2/GJB6 (Connexin 26/30)	81252, 81254		$356	8 weeks
GJB2/GJB6 (Connexin 26/30) familial	81253		$220	8 weeks
MTRNR1- C1494T and A1555G mutations	81401 – *MTRNR1*		$185	8 weeks
MTTL1-A3243G mutation	81401 – *MTTL1*		$185	8 weeks
MTTS1-A7445G mutation	81401 – *MTTS1*		$185	8 weeks
Familial Mutation Testing	81403		$220	8 weeks
Kidney Disease Genetic Tests	**CPT Codes**	**Sample Type**	**Cost**	**TAT**
Genetic Renal Panel v5.0 (*CFH, CFI, MCP, CFB, CFHR5, C3, THBD, ADAMTS13, PLG, DGKE, MMACHC* and MLPA)	81479, 81405	**8 - 10 cc EDTA whole blood in (room temperature)** **OR** **10 µg DNA from whole blood (minimum concentration: 50 ng/µl)**	$3,000	28 days
MLPA (*CFH-CFHR5* genomic region copy number variation detection)	81405		$686	8-12 weeks
Familial Mutation Testing	81403		$220	2 weeks
Functional/Biomarker Tests - Panels	**CPT Codes**	**Sample Type**	**Cost**	**TAT**
TMA Functional Panel: (11 tests - FH autoantibody, Hemolytic, CH50eq, APFA, Bb, FH, FI, FB, C3, C4, & sC5b-9 Levels. Note:ADAMTS-13 activity is available 'a la carte')	83516, 83520, 86160(x6), 86161(x3)	**2 ml frozen serum** **2 ml frozen EDTA plasma**	$2389	4 weeks
C3G Functional Panel: (Includes the three micro-panels below [Complement Antibody Panel, Complement Biomarker Panel, Complement Pathway Panel]; appropriate for the **initial** evaluation of C3G patients, i.e. DDD or C3GN)	83516(x2), 83520, 86160(x10), 86161(x6), 86235(x3), 86334		$4500	4 weeks
Complement Antibody Micro-Panel: (FB, autoantibody, FH autoantibody, Nef Activity Assay (IFE) C3Nef (C3CSA), C4Nef, C5Nef (C3CSAP); appropriate for following antibody levels)	83516(x2), 86161(x4), 86334, 86235 (x3)	**2 ml frozen serum**	$1812	4 weeks
Complement Biomarker Micro-Panel: (soluble C5b-9, FB, FH, FI, Ba, Bb, C3, C3c,C4, C5 and Properdin Levels; appropriate for following biomarker levels)	83520, 86160(x10)	**2 ml frozen EDTA plasma**	$2605	4 weeks
Complement Pathway Micro-Panel: (3 tests - Hemolytic Assay, APFA, CH50eq; appropriate for following complement activity and complement blockade)	86161 (x3)	**2 ml frozen serum**	$691	4 weeks

Hearing Loss Testing Requisition form can be found here: http://www.medicine.uiowa.edu/morl/deafnessclinical/
Kidney Disease Testing Requisition form can be found here: http://www.medicine.uiowa.edu/morl/kidneydiseaseclinical/

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Prices and tests offered subject to change on a quarterly basis.

Functional Tests - a la carte - Serum	CPT Codes	Sample Type	Cost	TAT
CH50eq	86161	1 ml frozen serum	$119	2 weeks
Alternative Pathway Functional Assay (APFA)	86161		$220	2 weeks
Hemolytic Assay	86161		$352	4 weeks
FB Autoantibody Testing	83516		$356	2 weeks
FH Autoantibody Testing	83516		$356	2 weeks
Nef Activity Assay (IFE)	86334		$200	4 weeks
C3NeF (C3CSA)	86235, 86161		$250	4 weeks
C5Nef (C3CSAP)	86235, 86161		$250	4 weeks
C4Nef	86235, 86161		$400	4 weeks
Biomarker Tests - a la carte - EDTA Plasma	**CPT Codes**	**Sample Type**	**Cost**	**TAT**
C3 Level	86160	1 ml frozen EDTA plasma	$110	2 weeks
C3c Level	86160		$358	4 weeks
C4 Level	86160		$110	2 weeks
Factor B Level (FB)	86160		$165	2 weeks
Ba Level	86160		$275	2 weeks
Bb Level	86160		$275	2 weeks
Properdin Level	86160		$330	2 weeks
C5 Level	86160		$300	2 weeks
Soluble C5b-9 (sMAC)	83520		$352	2 weeks
Factor H Level (FH)	86160		$165	2 weeks
Factor I Level (FI)	86160		$165	2 weeks
ADAMTS-13 Assays - Citrated Plasma	**CPT Codes**	**Sample Type**	**Cost**	**TAT**
ADAMTS-13 Activity Assay	85397	1 ml frozen citrated plasma	$400	24 hours
ADAMTS-13 Inhibitor Assay	85335		$400	24 hours
ADAMTS-13 Activity with Inhibitor Assay	85397, 85335		$550	24 hours

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