

BIOCHEMICAL GENETICS TEST INFORMATION



CHP of UPMC Deliver Samples to Room B209

Test	ORDER CODE	Additional CODES and information	Specimen type	Min. volume	Storage	TAT
Acylcarnitine Profile	ACYLB2	red,green or gold	SERUM/PLASMA(G)	0.5ml	freeze	WEEKLY
Amino Acids (CSF)	CAMINO		CSF	0.5 ml	freeze	DAILY
Amino Acids(S/P)	AMINO	red or green	SERUM OR PLASMA	0.5 ml	freeze	DAILY
Amino Acids(Rand URN)	UAMINP	URCR2	URINE	0.5 ml	freeze	DAILY
Amino Acids(24 hr URN)	ZAMINO		URINE	0.5 ml	freeze	DAILY
Urine Citrate	UCITBA	(ZCITBA 24hr)	URINE	0.5 ml	freeze	DAILY
Carnitine (Free/Total)	CARNB2		SERUM	0.5 ml	freeze	WEEKLY
Congenital Disorders of Glycosylation	CDTCDG		SERUM	0.1 ml	freeze	WEEKLY
Carbohydrate Deficient Transferrin	CDTCDG		SERUM	0.1 ml	freeze	WEEKLY
Hemoglobin A1C	GLYH2	EHA1BT	WHOLE BLOOD (L)	0.5 ml	ref	DAILY
Hemoglobinopathy Screen (HPLC)	HEMPK2		WHOLE BLOOD (L)	1.0 ml	ref	WEEKLY
<u>Tissue Culture(grow fibroblasts)</u>	TSCULT	schedule	SKIN BIOPSY	**call biochem	ref	DAILY
<u>WBC Lysosomal Enzyme battery</u>	WLYSBT	LKCPRP	WHOLE BLOOD (L)	**call biochem	ref	WEEKLY
Methylmalonic Acid	MMLNIC		SERUM	1 ml	freeze	WEEKLY
Mucopolysaccharides-glicosaminoglycans	GAGP2	URCR2	URINE	1 ml	freeze	WEEKLY
Urine Organic Acids	UORGP2	URCR2	URINE	5 ml	freeze	DAILY
Serum Organic Acids	SORGB2		SERUM	2 ml	freeze	DAILY
PKU Battery	PKUBAT	red or green	SERUM OR PLASMA	0.5 ml	freeze	DAILY
Pyruvate	PYRUV		WHOLE BLOOD (G)	**call biochem		DAILY
CSF Pyruvate	CPYRUV		CSF	0.5 ml	freeze	DAILY
Rapid Hemoglobin F	RAHBF2		WHOLE BLOOD (L)	0.2 ml	ref	DAILY
Rapid Hemoglobin S	RAPHBS		WHOLE BLOOD (L)	0.2 ml	ref	DAILY
Red Cell Wash	RBCWSH		reference lab order			
Plasma Hemoglobin	PLHGB		PLASMA (G)	0.5 ml	ref	DAILY
Total Nitrogen	NBAT		URINE	1.5 ml	freeze	WEEKLY
Very Long Chain Fatty Acids	VLCFPA	red or purple	SERUM or PLASMA	0.5 ml	freeze	WEEKLY
WBC Cystine	WBCCYS	LKCPRP schedule	WHOLE BLOOD(G)	**call biochem	ref	
Urine Sulfite	USFIT	send STAT on ice	RANDOM URINE	**call biochem	freeze	DAILY
<u>*beta galactosidase</u>	WBGALB					
<u>*alpha galactosidase</u>	WAGAL	<u>DO NOT CENTRIFUGE ANY WHOLE BLOOD TEST</u>				
<u>*beta glucosidase</u>	WBGLTC					
<u>*arylsulfatase A</u>	WARYA	<u>10 ml in lavender tubes</u>				
<u>*arylsulfatase B</u>	WARYB					
<u>*alpha glucosidase</u>	WAGLUB	<u>These are all types of lysosomal enzymes performed on white blood cells</u>				
<u>*Hexosaminidase</u>	WHEXOS					
<u>*alpha mannosidase</u>	WAMAN	also order LKCPRP for these tests				
<u>*alpha fucosidase</u>	WFUCO					
<u>*beta glucuronidase</u>	WBGLR	** ALWAYS CALL BIOCHEM AT 864-9890 ASAP FOR THESE TESTS				
<u>*iduronidase</u>	WAIDU	Volume needed is 10mls of whole blood in lavender tubes <u>bare minimum</u> is 5mls.				

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ALWAYS CHECK FUNCTION TSI IN SUNQUEST OR CALL THE LAB IF YOU HAVE QUESTIONS