HCMC Laboratory Common Test Tube Requirement Chart *Revised 7/2/2013*

Chemistries: One instrument performs these tests - can analyze from 1 tube.	Light Green	Dark Green	SST	Red	Purple	Gray	Blue
Albumin	X	X	X	X			
ALP, ALT, AST	X	X	X	X			
Ammonia					X-ice		
Amylase, pancreatic	X	X	X	X			
Anticardiolipin IgG, IgA, IgM			X	X			
B12	X	X	X	X			
BHCG, HCG	X	X	X	X			
Bili - direct	X	X	X	X			
Bili - total	X	X	X	X			
Calcium	X	X	X	X			
Chloride	X	X	X	X			
Cholesterol	X	X	X	X			
CK	X	X	X	X			
CKMB	X	X	X	X			
CO2	X	X	X	X			
Cortisol	X	X	X	X			
C-Reactive Protein-CRP	X	X	X	X			
Creatinine	X	X	X	X			
Ferritin	X	X	X	X			
Folate-serum	**No!**	**No!**	X	X			
FSH, LH, Prolactin	X	X	X	X			
Glucose	X	X	X	X		X	
HDL-Cholesterol	X	X	X	X			
Iron	X	X	X	X			
Lactate		X-ice					
LDL-Cholesterol	X	X	X	X			
Lipase	X	X	X	X			
Magnesium, Phosphorus	X	X	X	X			
Potassium, Sodium	X	X	X	X			
PreAlbumin	X	X	X	X			
PSA	X	X	X	X			
T3 Total (not T3 free)	X	X	X	X			
T3 Free	**No!**	**No!**	X	X	X		
TPO	X	X	X	X			
Transferrin, TIBC	X	X	X	X			
Triglyceride	X	X	X	X			
TSH, FT4	X	X	X	X			
Tot. Protein - serum			X	X			
Urea Nitrogen - BUN	X	X	X	X			
TEST PANELS							
Basic Metabolic Panel,	X	X	X	X			
Comprehensive Metabol,	X	X	X	X			
Electrolyte, Renal, Lipid	X	X	X	X			
and Hepatic Panels	X	X	X	X			
Hematology							
Hemoglobin, CBC,							
Differential, Platelet, WBC					X		
Coagulation							
PT, aPTT, Fibinogen,							X
Note: Preferred specimen container marked with pink X.							
Homocysteine	**X**	X-ice	**X**				**No!**
Note: Preferred specimen container marked with pink X.							
Note: Ionized calcium, troponin, sodium, potassium, and iStat testing will be significantly delayed when the dark green tube is not used.							

TOXICOLOGY TESTS	Light Green	Dark Green	SST	Red	Purple	Gray
Acetaminophen	X	X	X	X	X	
Blood Screen	X	X	X	X		X
C3, C4	X	X	X	X		
Caffeine			X	X		
Digoxin	X	X	X	X	X	
Dilantin	X	X	X	X	X	
Ethanol, Methanol, Isopropanol, Acetone GC			X	X		X
Ethylene Glycol			X	X		X
Free Dilantin	X	X	X	X	X	
Gentamicin	X	X	X	X	X	
GGT	X	X	X	X		
Haptoglobin	X	X	X	X		
IgG, IgA, IgM	X	X	X	X		
Lithium	**No!**	**No!**	X	X		
LDH	X	X	X	X		
Phenobarb	X	X	X	X	X	
Rheumatoid Factor	**X**	**X**	X	X		
Salicylate			X	X		
Tacrolimus/FK506					X	
Tegretol	X	X	X	X		
Tobramycin	X	X	X	X	X	
Uric Acid	X	X	X	X		
Vancomycin	X	X	X	X	X	
Valproate	X	X	X	X		
Misc Tests						
Alpha 1 Antitrypsin			X	X	X	
AFP, tumor			X	X		
AFP, prenatal			X	X		
B-hydroxybutyrate	**No!**	X	**No!**	**No!**		
NT-proBNP	**X**	X	**X**	**X**	X	
CD4 (T&B Lymph)					X	
CMV IgG			X	X		
Cold Agglutinin			X-wm	X-wm		
Crithidia			X	X		
Cryoglobulin			X-wm	X-wm		
Electrophoresis serum			X	X		
Electrophoresis Hgb					X	
FANA			X	X		
Folate-RBC					X	
Glycosylated Hgb	**No!**	**No!**			X	
Hepatitis			X	X	**No!**	
HIV Combo			X	X		
H. Pylori	X	X	X	X		
Immunoelp, serum			X	X		
Ionized Calcium	x-ice	x-ice	x-ice	x-ice		
Lead	X	X			X	
Osmo (serum)	X	X	X	X		
Progesterone	X	X	X	X		
PTH (Parathyroid)					X	
Rubella, Rubeola			X	X		
Sedimentation Rate	*Sample <2h old				X	
Troponin I	X	X	**No!**	**No!**	X	
T spot	**No!**	X	**No!**	**No!**		
Vitamin D 25-OH	X	X	X	X	X	No!