

Task (ASCP)			
<i>Where Proficiency is required by majority of survey respondents-see definition of proficiency</i>	<i>Where observation/simulation/practice specimen Is adequate (Video or Computer Assisted would do)</i>	<i>Where No proficiency is required</i>	
Urinalysis			
Physical examination of Urine	Urine Porphyrins		
Chemical Examination	Semen Analysis		
Microscopic Examination	Fecal Reducing substances		
Reducing substances	Automated urinalysis with microscopic		
SSA			
Urine Pregnancy Test			
Manual Body Fluid Cell Count			
Manual Body fluid Diff			
Body Fluid chemistry			
Post Vasectomy Semen Analysis			
Fecal Occult Blood			
Automated Dipstick Reader###			
Immunohematology Components			
	Preparation,processing, collection and testing	Granulocyte Concentrate	
	Leukopoor platelets	Factor viii concentrate	
	Random Donor Platelets	factor ix concentrate	
	Single Donor platelets	blood substitutes	
	Packed Red Cells	immune serume globulin	
	Leukopoor Red Blood Cells	Normal serum albumin	
	Washed Red Blood	plasma protein fraction	
	Frozen Red Blood Cells	synthetic volume expanders	
	Irradiated Red Blood Cells	Rh Immune Globulin	
	Whole Blood		
	Fresh Frozen Plasma		
	Cryo AHF		
	Cryo Fibrinogen		
	Directed Donation		
	Autologous Donation		

Immunohematology procedures			
		Identifications/Problems with following systems	
	DAT	MNS	Bg antibodies
	Indirect Coombs	Lewis	DTT
	ABO	P	ZZAP
	Rh	I	In vivo crossmatching
	Ab Identification	Kell	HLA
	Major Crossmatch	Duffy	Paternity
	Antibody Screen	Kidd	Organ Transplant
	Manual Procedures	Lutheran	
	Automated washing	High Titer Low avidity	
	Antibody titer	special procedures:	
		adsorption	
		elution	
		Prewarming	
		Cold Antibody Workup	
		enzyme treatment	
		propylene glycol	
		Antibody removal by ZZAP	
		gel techniques	
		automated techniques	
		crossmatch by computer	
Hematology			
	Automated cell counter	Bone marrow evaluation	Protein C and S
	Manual Diff/inclusions etc	B-12	Platelet neutralization
	WBC Diff-manual	Folate	Plasminogen Assays
	Manual WBC	plasma hemoglobin	CD4 CD8
	Manual Platelet	plasma haptoglobin	G6 PD spot test
	Platelet estimate from smear	PAS	PK test
	WBC estimate from smear	Myeloperoxidase	
	Manual reticyuloocyte	Sudan Black	
	Spun hematocrit	Chloroacetate Ester	
	Westergren Sed rate	Non Specific Esterase	
	PT	CD markers	
	PTT	TRAP	
	Bleeding Time	TDT	
	Fibrinogen	LAP	
	Thrpmbin Time	Osmotic Fragility	
	Latex FDP or D- Dimer	Sugar Water Test	
	Inhibitor Screen	Hams acid	
	Basic substitution test	Factor V Leiden	
		Factor Assays	
		Lupus Anticoagulant	
		Clot retraction	
		ACT	
		Sickle Cell Prep	

Immunology			
Tests			
RPR			
Represent Latex agglutination	VDRL		Fluorometer
Representative Hemagglutination	FTA		Chemiluminometer
Represent Immunofluorescence	ANA		IRMA
Representative EIA	ASO		Western Blot
Representative RID	Thyroid Antibodies		Heterophile
Representative Electrophoresis	Immunoglobulins		Heterophile adsorption
	Complement		Antihyaluronidase
	Hepatitis Testing		Anti DNA ASE
	Rubella		ENA
	CMV		Leukoagglutinins
	HIV		Smooth muscle antibodies
	Cold Agglutinins		Mitochondrial antibodies
			Parietal cell antibodies
	Photometer		DNA ploidy
	Nephelometer		Febrile agglutinins
	EIA Automated		Mycoplasma
	FPIA Automated		Chlamydia Antigen
	RIA		Legionella
	Flow Cytometer		Cryptococcus
	Immunodiffusion		Herpes
			Rubeola
			Varicella
			Epstein Barr
			HTLV1
			Mumps
			Lyme Disease
			Rickettsia
			T4/T8
			Immunophenotyping

Microbiology			
Procedures			
	Kirby Bauer	MIC	
	Blood culture		exoantigen testing
	GC culture	Acid Fast Culture	shell vial technique
	Gram Stain	Blood Culture for AFP	standard vial technique
	Throat Culture	Fungal Blood Culture	chlamydia culture
	Urine Culture	Fungus culture	sclichter test
	Sputum Culture	Tease Mount	
	Wound Culture	Cellophane Tape 'Prep	
	Body Fluid Culture	Yeast fermentations	
	Bacterial Antigen Test	Yeast assimilations	
	Anaerobic Culture		
	Acid Fast smear	RSV antigen detection	
	Stool Microscopic	Chlamydia DFA	
	Commercial Ident system	Stool fat	
	TSI	PCR	
	LIA	Genetic Probes	
	Urea	Other stains for parasites	
	Parasite concentration	Giemsa stain for parasites	
	Beta lactamase	MBC	
		Gomorri methionine stain	
Able to identify proficiently using standard tests	Can identify in practice specimens - live or simulat	exposed to read about	
	S.aureus	other coag negative staphs	
	S.epi	other group D strep	
	Strep. Viridans	other b hemolytic streps	
	Beta hemolytic strep	Listeria	
	Enterococci	Erysipelothrix	
		Corynebacterium Diptheriae	
	Strep. Pneumoniaiae	Bacillus anthracis	
		Other bacillus species	
		Lactobacillus	
	E. coli and oh157	Other enterobacteriaceae	Francisella
	Klebsiella,Serratia ,Enterobacter	Plesiomonas	other chlamydia
	Proteus , Providencia, Morganella	Aeromonas	Treponema
	Citrobacter	New pathogens to be added	Host of others
		Vibrios species	
		Campylobacter	
		Helicobacterpylori	
	Salmonella	Yersinias	
	Pseudomonas	Xanthomonas	
	Shigella	Burkholdia	
		Acinetobacter	
		Pasteurella	
		Bordetella	

	Neisseria	Gardnerella		
	Branhamella	Legionella		
	Hemophilus	Bacteroides		
		Bifidobacterium		
		Other neisseria		
		Other Hemophilus		
		Other unusual gram negative bacteria		
		Clostridium difficile		
		Other common anaerobes		
		Mycobacteria		
	Candida albicans	All other fungi - see listing for need to know but not		
		required to have experience with - pictures and elect		
		tronics and preserved specimens		
		Parasites - see listing for need to know but not		
		required to have experience with- pictures and elect		
		tronics and preserved specimens		
		Viruses - no experience with viral cultrue required		
		observation -		

Chemistry			
Automated Chemistry analyzer to include as representative:			
		protein electrophoresis	See List for detail
	BUN	immuno-electrophoresis	
	Creatinine	fluorescence polarization	
	Electrolytes	enzyme immunoassay	
	Cholesterol	nephelometer	
	Triglycerides		
	Proteins	hormones	
	Enzymes	therapeutic drugs	
	LDL/HDL		
	Amylase		
	Lipase		
	Calcium		
	Phosphorus		
	Magnesium		
	Ammonia		
	Iron and TIBC		
	Osmolality		
	Creatinine Clearance		
	HCG		
	Thyroid assays		
Methodologies			
	Spectrophotometry		See List
	Ion selective electrode		
	Osmometry		
Safety			
	Blood Borne Pathogens /Protective		
	Chemical Hygiene plan		
Lab Practices			
	Entry of Patients into LIS		
	Data entry		
	Verification		
	Panic values and practices		
	Daily Temperature and Function		
	Monitors		
	Basic Westgaard Rules		
	Pipetting	Extensive Westgaard Rules	
	Calculations/Dilutions		
	Levy Jennings Plot and Interp		

