NAME: CLASS: DRAWER#:

Disclaimer: This is a draft. Students are responsible for accurate spelling and data.		**Bacterial Cultures**	Gelatin **Liquefaction** *gelatinase*	**BIO-OXIDATION TESTS**									
				Phenol Red *sugar-acid fermentation*						**Methyl Red** *acid*	**VP** *alcohol*	**Oxidase** *oxygen*	**Catalase** H_2O_2
				dextrose		**lactose**		**mannitol**					
COCCI	G+	***Staphylococcus aureus***											
		Lactococcus lactis											
		Micrococcus luteus											
		Micrococcus roseus											
		Sarcina aurantiaca											
		Sporosarcina ureae											
	G-	***Moraxella catarrhalis***											
		Neisseria sicca											
BACILLI	G+	***Corynebacterium pseudodiphtheriticum***											
		Mycobacterium smegmatis											
		Bacillus cereus											
		Bacillus subtilis											
	G-	***Alcaligenes viscolactis***											
		Escherichia coli											
		Enterobacter aerogenes											
		Pseudomonas fluorescens											
		Proteus vulgaris											
		Citrobacter freundii											
		Serratia marcescens											
		Klebsiella pneumoniae											
Mark Reference Organism for each Test.			Tubes: + = - = (% liquefied)	Liquid Tubes w/ Durham Tubes: Acid = No Acid = Weak/Strong=			Gas = No Gas =			Liquid: + = - =	Liquid: + = - =	Plates: + = - =	Slants: + = - =

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		Bacterial Cultures	**HYDROLYSIS TESTS (to determine utilization of enzymes)**			
			Starch *amylase*	Skim Milk *caseinase*	Tryptanophan *tryptophanase*	Urea *urease*
COCCI	G+	***Staphylococcus aureus***				
		Lactococcus lactis				
		Micrococcus luteus				
		Micrococcus roseus				
		Sarcina aurantiaca				
		Sporosarcina ureae				
	G-	***Moraxella catarrhalis***				
		Neisseria sicca				
BACILLI	G+	***Corynebacterium pseudodiphtheriticum***				
		Mycobacterium smegmatis				
		Bacillus cereus				
		Bacillus subtilis				
	G-	***Alcaligenes viscolactis***				
		Escherichia coli				
		Enterobacter aerogenes				
		Pseudomonas fluorescens				
		Proteus vulgaris				
		Citrobacter freundii				
		Serratia marcescens				
		Klebsiella pneumoniae				
Mark Reference Organism for each Test.			Plate: + = - =	Plate: + = - =	Broth: + = - =	Broth: + = - =

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		Bacterial Cultures	MISCELLANEOUS TESTS (physiological characteristics)						
			Kligler's Iron, H_2S	Litmus Milk		Simmon's Citrate	Mannitol Salt	EMB	ENDO
				Day 1	Day 2				
COCCI	G+	*Staphylococcus aureus*							
		Lactococcus lactis							
		Micrococcus luteus							
		Micrococcus roseus							
		Sarcina aurantiaca							
		Sporosarcina ureae							
	G-	*Moraxella catarrhalis*							
		Neisseria sicca							
BACILLI	G+	*Corynebacterium pseudodiphtheriticum*							
		Mycobacterium smegmatis							
		Bacillus cereus							
		Bacillus subtilis							
	G-	*Alcaligenes viscolactis*							
		Escherichia coli							
		Enterobacter aerogenes							
		Pseudomonas fluorescens							
		Proteus vulgaris							
		Citrobacter freundii							
		Serratia marcescens							
		Klebsiella pneumoniae							
Mark Reference Organism for each Test.			Tube: Acid = Alkaline = H_2S = Gas=	Tube: Acid = Alkaline = Litmus Reduction = Coagulation = Peptonization =		Slant: + = - = Acid = No Acid =	Plate: Acid = No Acid = Growth = No Growth =	ENDO/EMB Plates: Shiny Green vs Pink Mucoid	