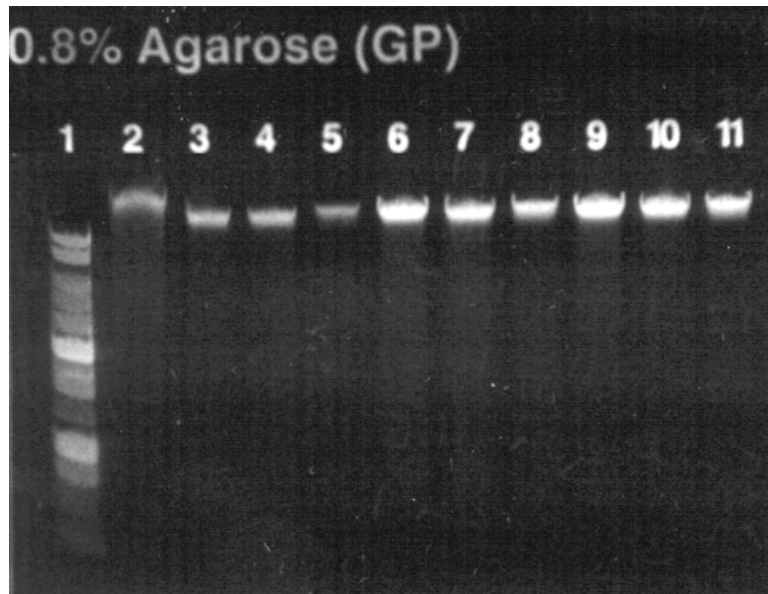


12GC: DNA Isolation Data from Whole blood

Sample: Whole Blood (EDTA, ACD, and Heparin)				
Reagent: Magtration-MagaZorb-DNA Coomon Kit-100 and -200				
Run Time:	Approx. 30 min			
		ug DNA	Ratio	PCR
Blood Sample	Protocol	recovered	A_{260}/A_{280}	No. of copies
#5 (ACD)	100ul	2.51	1.85	6,441
#11 (Heparin)	100ul	4.47	1.85	19,102
#16 (EDTA)	100ul	4.74	1.82	20,728
Average		3.91	1.84	15,424
		ug DNA	Ratio	PCR
Blood Sample	Protocol	recovered	A_{260}/A_{280}	No. of copies
#5 (ACD)	200ul	5.32	1.83	5,559
#11 (Heparin)	200ul	9.04	1.82	13,143
#16 (EDTA)	200ul	8.44	1.85	18,708
Average		7.60	1.83	12,470

12GC: DNA Isolation Data from Whole blood

Gel Electrophoresis of Blood DNAs



Lane Assignment	
1.	DNA Ladder
2.	Calf Thymus DNA Control
3.	100ul Blood #5 (ACD)
4.	200ul Blood #5 (ACD)
5.	Company A Blood #5 (ACD)
6.	100ul Blood #11 (Hepain)
7.	200ul Blood #11 (Heparin)
8.	Company A Blood #11 (Heparin)
9.	100ul Blood #16 (EDTA)
10.	200ul Blood #16 (EDTA)
11.	Company A Blood #16 (EDTA)

12GC: DNA Isolation Data from Human Tissues

Sample: Human tissues from heart, lung and spleen				
Reagent: Magtration-MagaZorb-DNA Coomon Kit-200				
Run Time:	35 minutes 57 seconds			
	Tissue Mass	DNA	DNA	Ratio
Human Tissue	(mg)	u g DNA recovered	u g/mg tissue	A₂₆₀/A₂₈₀
Human Heart	10.20	11.76	1.15	1.96
Human Lung	11.00	29.26	2.66	1.87
Human Spleen	11.70	65.20	5.57	1.87

Gel Electrophoresis of Tissue DNAs



Lane Assignment	
1. DNA Ladder	
2. Calf Thymus DNA Control	
3. 12GC Human Heart (10.2 mg)	
4. 12GC Human Lung (11.0 mg)	
5. 12GC Human Spleen (11.7 mg)	