

YSI BLOOD GLUCOSE RESULTS

PATIENT ID CODE #	PHLEB TIME	YSI (1)	YSI (2)	OPERATOR	REMARKS
001	259	266 RD	265		
002	267	267	263		
003	264	266	267		
004	264	266 ^{RT}	266		
005	265	262	264		
006	266	266	266		
007	267	265	268		
008	266	266	270		
009	266	269	266		
010	268 RD	270	273		
011	266	268	266		
012	268	269	264		
013	274	271	271		
014	266	265	265		
015	264	263	262		

9-18-97

DATE TIME MAXIMUM MINIMUM

WASTE BEVERAGE

DO NOT REUSE GLUCOSE TEST STRIPS

Sample Number	Milk Volume	Glucose Volume	Urea Volume	Water Volume	Total Volume
1	18.6	80 0.6	1.5 50	9.3	30
2	18.6	80 2.1	1.5 50	7.8	30
3	18.6	400 3.6	1.5 50	6.3	30
4	18.6	680 5.1	1.5 50	4.8	30
5	18.6	880 6.6	1.5 50	3.3	30
6	18.6	0.6	4.5 50	6.3	30
7	18.6	2.1	4.5 50	4.8	30
8	18.6	3.6	4.5 50	3.3	30
9	18.6	5.1	4.5 50	1.8	30
10	18.6	6.6	4.5 50	0.3	30
11	9.3	0.6	1.5 50	18.6	30
12	9.3	2.1	1.5 50	17.1	30
13	9.3	3.6	1.5 50	15.6	30
14	9.3	5.1	1.5 50	14.1	30
15	9.3	6.6	1.5 50	12.6	30
16	9.3	0.6	4.5 50	15.6	30
17	9.3	2.1	4.5 50	14.1	30
18	9.3	3.6	4.5 50	12.6	30
19	9.3	5.1	4.5 50	11.1	30
20	9.3	6.6	4.5 50	9.6	30

45 24.2
 30 24.4
 15 24.5
 30 24.8
 45 24.8
 300 25.1
 15 25.2
 30 25.4
 45 25.6
 400 25.7

Volume	50ml	12.5ml	5ml	Applicable
0.6			2@3	g
2.1	1@2		1@1	g
3.6	1@3	1@2	1@1	g
5.1	1@5		1@1	g
6.6	1@5,1@1	1@2	1@1	g
1.5		1@5,1@1		u
4.5	1@4	1@2		u
0.3			1@3	w
1.8		1@5,1@1	1@3	w
3.3	1@3		1@3	w
4.8	1@4	1@2	1@3	w
6.3	1@5,1@1		1@3	w
7.8	1@5,1@2	1@2	1@3	w
9.6	1@5,1@4	1@2	1@1	w
11.1	2@5,1@1	1@2	1@1	w
12.6	2@5,1@2	1@2	1@1	w
14.1	2@5,1@4		1@1	w
15.6	3@5	1@2	1@1	w
17.1	3@5,1@2		1@1	w
9.3	1@4,1@5	1@2	1@3	w,m
18.6	3@5,1@3		1@1	w,m

23.2
 50:15 200
 20 22.2
 15 22.8
 20 23.2
 5 23.6
 30 23.8
 45 24.2
 60 24.4
 15 24.5
 30 24.8

624

$$\frac{180}{200} \times 105$$

Glucose Stock 4000 mg/dL 40 g/L Milk Stock 10000 mg/dL 100 g/L

$$6.6 = 6.8$$

$$7.12 = 7.4$$

$$8.18 = 8.7$$

$$9.24 = 8.6$$

$$0.30 = 0.2$$

11 5.7 5.5 4.2

$$12.5 = 17.5 3.2$$

$$13.5 = 17.5 2.2$$

$$14.5 = 17.5 1.2$$

$$15.5 = 17.5 1.2$$

Urea Stock 10000 mg/dL 100 g/L

$$\frac{100}{100} \times 105$$

Total Volume of Glucose Stock = 3.75 x Sample Volume
 Total Volume of Urea Stock = 2.4 x Sample Volume
 Total Volume of Milk Stock = 16.74 x Sample Volume

Milk 6200 mg/dL									
Milk Vol Frac 0.62									
Conc in mg/dL	Glucose	0	100	200	300	500	700	900	
Urea	Vol Fracs	0	0.025	0.075	0.125	0.175	0.225		
0	0	0.38	0.355	0.305	0.255	0.205	0.155		
500	0.05	0.33	0.305	0.255	0.205	0.155	0.105		
1500	0.15	0.23	0.205	0.155	0.105	0.055	0.005		

Sample Vol. x 1.875 = Total Vo of Glucose Stock
 1.2 of Urea Stock
 11.16 of Milk Stock

Milk 3100 mg/dL									
Milk Vol Frac 0.31									
Conc in mg/dL	Glucose	0	100	200	300	500	700	900	
Urea	Vol Fracs	0	0.025	0.075	0.125	0.175	0.225		
0	0	0.69	0.665	0.615	0.565	0.515	0.465		
500	0.05	0.64	0.615	0.565	0.515	0.465	0.415		
1500	0.15	0.54	0.515	0.465	0.415	0.365	0.315		

Sample Vol. x 1.875 = Total Vo of Glucose Stock
 1.2 of Urea Stock
 5.58 of Milk Stock

4.2

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cal 180, 181, 476

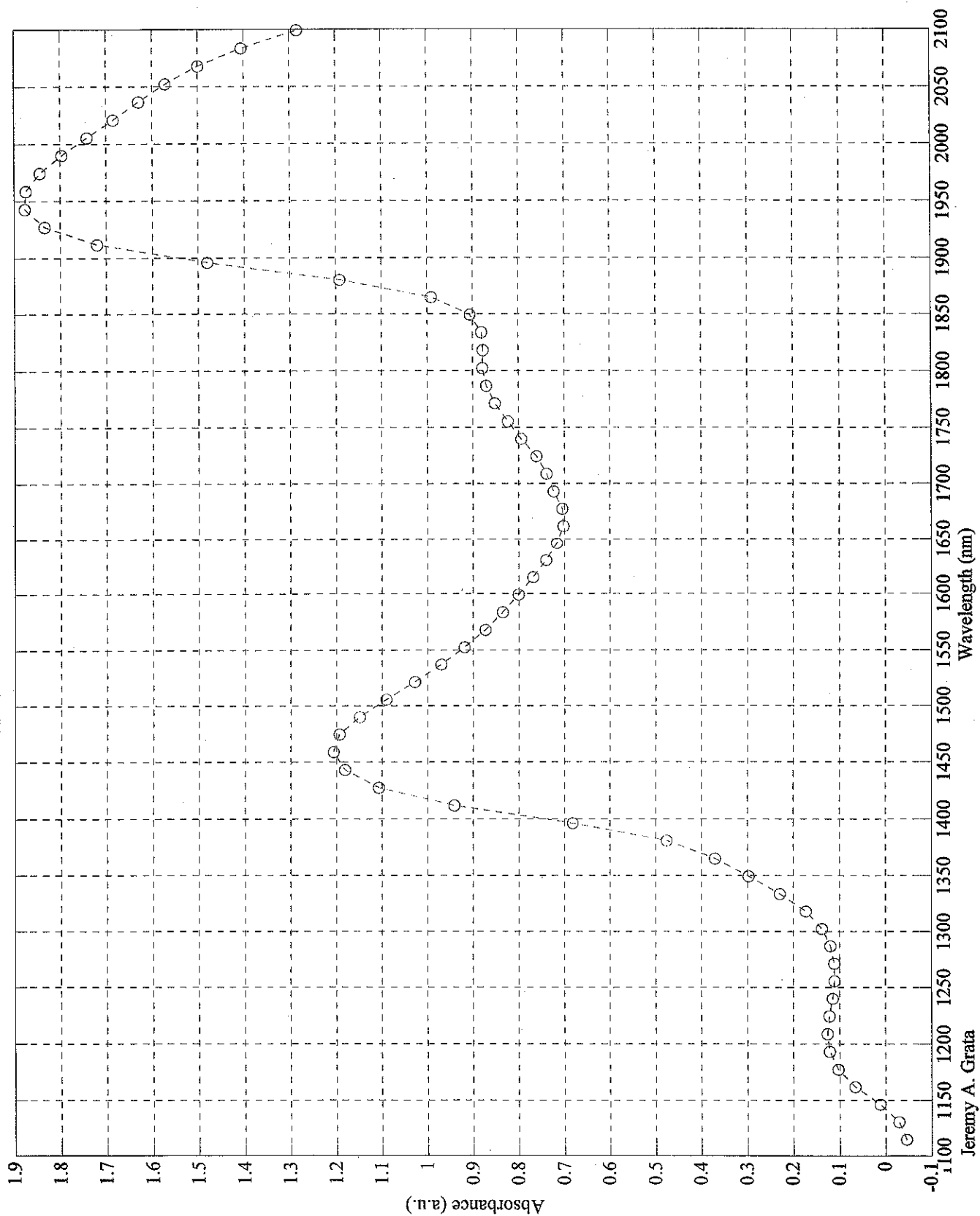
PATIENT ID CODE #	PHLEB TIME	YSI (1)	YSI (2)	OPERATOR	REMARKS
4		503			
1		70			
11		63			
18		357			
2		278			
13		378			
16		71			
9		552			
19		570			
10		735			
12		245			
15		731			
17		247	248		
5		754			
8		458			
3		453			
20		797			
14		622	626		
6		81			

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DATE

9-16-97

Absorbance: Water Saturated with Milk Powder



Jeremy A. Grata
14-Oct-1997