

Your Hospital Name
Address
City, State Zip
(000) 000-0000

Dicopac Test Report

Printed on 02/02/04 08:41

Name: wisard march

ID: 3-03-03

Ref. Physician:

Code:

Dicopac Lot #: _____

Administered: _____

Total Urine Volume: 935 ml

_____ Hour Collection

Urine Aliquot Counted: 4 ml

ALIQOT CORRECTION FACTOR = $\frac{\text{Total Urine Volume}}{\text{Urine Aliquot Counted}} = U = 233.8$

Count Values in CPM

1. Co57 Setting Background.	r = 129	11. Net urine Co57 counts.	(a) - r = a = 3540
2. Co58 Setting Background.	s = 102	12. Urine aliquot at Co58 settings.	(b) = 4137
3. Co58 STD at Co58 Settings	(z) = 41535	13. Net urine Co58 counts.	(b) - s = b = 4035
4. Net Co58 STD	(z) - s = z = 41433	14. Urine aliquot Co58 "spill down" into the Co57 settings.	b x f = SD = 2795
5. Co58 at Co57 settings	(y) = 28833	15. Co57 urine aliquot counts corrected for "spill down".	a - SD = c = 744.6
6. Net Co58 at Co57 settings	(y) - r = y = 28704	16. Calculate the % excretion Co57	2 x U x c/x = 4.203
7. Co57 STD at Co57 settings	(x) = 82953	17. Calculate the % excretion Co58.	2 x U x b/z = 45.53
8. Net Co57 STD	(x) - r = x = 82824	18. Calculate the excretion ratio.	Co57%/Co58% = 0.0923
9. "Spill-down" factor of Co58 at Co57 settings	y / z = f = 0.6928		
10. Urine Aliquot at Co57 settings	(a) = 3669		

Co57 / Co58 Excreted Ratio = 0.0923

Technologist: george bing

Comments:

Physician: _____

Date: _____