

LABORATORY TESTS: SMALL BOWEL TRANSPLANT WORKSHEET (CLIA-88)  
UPDATED: AUGUST 2011

CPT CODE: 78299

Dose assay and time \_\_\_\_\_ time \_\_\_\_\_  $\mu\text{Ci} = D$   
 Std. assay and time \_\_\_\_\_ time \_\_\_\_\_  $\mu\text{Ci} = S$   
 Volume of dose \_\_\_\_\_ ml =  $V_d$   
 Bkg Count #1 \_\_\_\_\_ cpm  
 Bkg Count #2 \_\_\_\_\_ cpm Mean bkg \_\_\_\_\_ = A  
 Urine Count #1 \_\_\_\_\_ cpm  
 Urine Count #2 \_\_\_\_\_ cpm Mean urine \_\_\_\_\_ = B  
 Std Count #1 \_\_\_\_\_ cpm  
 Std Count #2 \_\_\_\_\_ cpm Mean Std \_\_\_\_\_ = C

Urine Collection time =  $T_U =$  \_\_\_\_\_ hrs

Counting time =  $T_C =$  \_\_\_\_\_ min

Total urine volume = \_\_\_\_\_ mL =  $V_u$

**CALCULATIONS**

1. Decay correct std to same time as dose \_\_\_\_\_  $\mu\text{Ci} = S^*$

2. Decay correct urines (B) and stds (C) for counting time:

$B^* =$  \_\_\_\_\_ cpm       $C^* =$  \_\_\_\_\_ cpm

3. Calculate % administered dose in urine

(Total cts urine)

% Administered = (Total cts dose) x 100 =

$$= \frac{(B^* - A)(V_u)(S^*)}{V_d(C^* - A)(D)} \times 0.2$$

4. Repeat for 6-24 hr collection and add to this value to get total.