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LIQUID URINE CONTROL

FOR

MICROSCOPIC & HIGH SPECIFIC GRAVITY

**18 MONTH
OPEN VIAL
STABILITY**

LOT # 309819 Exp 10/10	MICROSCOPIC	SPECIFIC GRAVITY	PROCEDURE
HIGH	35	1.035	1. Shake well before using to assure complete mixing of the contents.
MEAN	20 CELL/HP ± 15	1.030 ± .005	
LOW	5	1.025	
DAY 1			2. Remove bottle cap and pour 12 ml into a clean, dry conical centrifuge tube.*
DAY 2			
DAY 3			
DAY 4			3. Centrifuge for 5 minutes at 2000 rpm. (A lower rpm may be used if this is called for in your laboratory procedure. However, a somewhat lower mean may result!)
DAY 5			
DAY 6			
DAY 7			4. Remove control from the centrifuge and at this time, if desired, take and record the specific gravity reading by placing a small urinometer in the centrifuge tube or, alternatively, transfer a few drops of the supernate to a refractometer.
DAY 8			
DAY 9			
DAY 10			5. Pour off and discard all but 0.5 ml of the supernate.
DAY 11			
DAY 12			
DAY 13			6. Resuspend the sediment in the remaining 0.5 ml of supernate by touching the bottom of the tube to a vortex machine or by flicking the bottom of the tube with your finger.
DAY 14			
DAY 15			
DAY 16			7. Transfer a drop of the resuspended sediment to a clean dry microscope slide and cover with a cover slip.
DAY 17			
DAY 18			
DAY 19			8. Count and record the average number of cells found in 10 high power fields.
DAY 20			
DAY 21			
DAY 22			9. At the end of the month, add the column of entries for MICROSCOPIC and/or SPECIFIC GRAVITY and enter the TOTAL at the bottom of the column. Determine the MEAN by dividing the TOTAL by the number of days the test was run.
DAY 23			
DAY 24			
DAY 25			10. Store at 2° - 8°C. May be stored at room temperature once bottle is in use.
DAY 26			
DAY 27			
DAY 28			*NOTE: The value range for Alta's Microscopic Control is based on the parameters set forth in the above procedure. Laboratories using a procedure with different parameters (i.e. volume, rpm and time of centrifugation and amount of supernate discarded) should develop their own range of values and mean for the control using their procedure.
DAY 29			
DAY 30			
DAY 31			
TOTAL			
MEAN			