



# ALTA DIAGNOSTICS, INC.

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**18 MONTH  
OPEN VIAL  
STABILITY**

## LIQUID URINE CONTROL

FOR

### MICROSCOPIC & HIGH SPECIFIC GRAVITY

	LOT #288019 POSITIVE Exp 10/22		LOT #288020 NEGATIVE Exp 10/22		PROCEDURE
	MICROSCOPIC	SPECIFIC GRAVITY	MICROSCOPIC	SPECIFIC GRAVITY	
<b>HIGH</b>	35	1.041		1.041	<p>1. Shake well before using to assure complete mixing of the contents.</p> <p>2. Remove bottle cap and pour 12 ml into a clean, dry conical centrifuge tube.*</p> <p>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!)</p> <p>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.</p> <p>5. Pour off and discard all but 0.5 ml of the supernate.</p> <p>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.</p> <p>7. Transfer a drop of the resuspended sediment to a clean dry microscope slide and cover with a cover slip.</p> <p>8. Count and record the <i>average</i> number of cells found in 10 high power fields.</p> <p>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.</p> <p>10. Store at 2° - 8°C. May be stored at room temperature once bottle is in use.</p> <p>*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.</p>
<b>MEAN</b>	20 CELL/HP ± 15	1.036 ± .005	0 CELL/HP	1.036 ± .005	
<b>LOW</b>	5	1.031		1.031	
DAY 1					
DAY 2					
DAY 3					
DAY 4					
DAY 5					
DAY 6					
DAY 7					
DAY 8					
DAY 9					
DAY 10					
DAY 11					
DAY 12					
DAY 13					
DAY 14					
DAY 15					
DAY 16					
DAY 17					
DAY 18					
DAY 19					
DAY 20					
DAY 21					
DAY 22					
DAY 23					
DAY 24					
DAY 25					
DAY 26					
DAY 27					
DAY 28					
DAY 29					
DAY 30					
DAY 31					
<b>TOTAL</b>					
<b>MEAN</b>					