



ALTA DIAGNOSTICS, INC.

3123 Research Way Ste 214, Carson City NV 89706
 (800) 359-9691 (775) 283-5780 FAX: (775) 283-5787

LIQUID URINE CONTROL

FOR

MICROSCOPIC & HIGH SPECIFIC GRAVITY

**18 MONTH
OPEN VIAL
STABILITY**

| LOT # 260319 Exp 09/15 | MICROSCOPIC | SPECIFIC GRAVITY | PROCEDURE |
|------------------------------|-----------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HIGH | 35 | 1.037 | 1. Shake well before using to assure complete mixing of the contents. 2. Remove bottle cap and pour 12 ml into a clean, dry conical centrifuge tube.* 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!) 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. 5. Pour off and discard all but 0.5 ml of the supernate. 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. 7. Transfer a drop of the resuspended sediment to a clean dry microscope slide and cover with a cover slip. 8. Count and record the <i>average</i> number of cells found in 10 high power fields. 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. 10. Store at 2° - 8°C. May be stored at room temperature once bottle is in use. *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. |
| MEAN | 20 CELL/HP ± 15 | 1.032 ± .005 | |
| LOW | 5 | 1.027 | |
| 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 | | | |
| TOTAL | | | |
| MEAN | | | |