ALTA DIAGNOSTICS, INC.

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18 MONTH OPEN VIAL STABILITY

LIQUID URINE CONTROL
FOR
MICROSCOPIC & HIGH SPECIFIC GRAVITY

	LOT #331819 POSITIVE Exp 11/20		LOT #331820 NEGATIVE Exp 11/20		PROCEDURE
	MICROSCOPIC	**SPECIFIC GRAVITY**	**MICROSCOPIC**	**SPECIFIC GRAVITY**	
HIGH	35	1.037		1.037	1. Shake well before using to assure complete mixing of the contents.
MEAN	20 CELL/HP ± 15	1.032 ± .005	0 CELL/HP	1.032 ± .005	
LOW	5	1.027		1.027	2. Remove bottle cap and pour 12 ml into a clean, dry conical centrifuge tube.*
DAY 1					
DAY 2					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 3					
DAY 4					
DAY 5					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 6					
DAY 7					
DAY 8					
DAY 9					
DAY 10					5. Pour off and discard all but 0.5 ml of the supernate.
DAY 11					
DAY 12					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 13					
DAY 14					
DAY 15					7. Transfer a drop of the resuspended sediment to a clean dry microscope slide and cover with a cover slip.
DAY 16					
DAY 17					
DAY 18					8. Count and record the *average* number of cells found in 10 high power fields.
DAY 19					
DAY 20					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 21					
DAY 22					
DAY 23					10. Store at 2º - 8ºC. May be stored at room temperature once bottle is in use.
DAY 24					
DAY 25					
DAY 26					*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 27					
DAY 28					
DAY 29					
DAY 30					
DAY 31					
TOTAL					
MEAN					

12/20/2018