

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

Specific Gravity

Method Code	# Reported	Mean $\pm$ 1 SD	Method Code	# Reported	Mean $\pm$ 1 SD
Sample U76					
1. Bayer Test Strip Manual (Multistix)	59	1.017 $\pm$ 0.004	2. Bayer Automated (Clinitek Systems)	199	1.015 $\pm$ 0.004
3. Roche Manual (Chemstrip)	22	1.015 $\pm$ 0.002	4. Roche Automated (UA Readers)	43	1.015 $\pm$ 0.002
7. Urinometer	1	1.005 $\pm$ 0.000	8. Refractometer	64	1.009 $\pm$ 0.002
10. Atlas System	59	1.009 $\pm$ 0.002	11. IRIS Mass Gravity Meter	8	1.011 $\pm$ 0.002
12. IRIS Roche UA Reader	6	1.015 $\pm$ 0.003	13. IRIS Clinitek Reader	1	1.010 $\pm$ 0.000
27. Other Chemistry Analyzer	2	1.015 $\pm$ 0.000	28. Chemstrip Criterion	10	1.015 $\pm$ 0.003
99. All methods	476	1.013 $\pm$ 0.003			
Sample U77					
1. Bayer Test Strip Manual (Multistix)	59	1.020 $\pm$ 0.002	2. Bayer Automated (Clinitek Systems)	199	1.024 $\pm$ 0.003
3. Roche Manual (Chemstrip)	22	1.013 $\pm$ 0.003	4. Roche Automated (UA Readers)	43	1.012 $\pm$ 0.003
7. Urinometer	1	1.013 $\pm$ 0.000	8. Refractometer	64	1.016 $\pm$ 0.001
10. Atlas System	59	1.016 $\pm$ 0.002	11. IRIS Mass Gravity Meter	8	1.016 $\pm$ 0.003
12. IRIS Roche UA Reader	6	1.015 $\pm$ 0.004	13. IRIS Clinitek Reader	1	1.017 $\pm$ 0.000
27. Other Chemistry Analyzer	2	1.013 $\pm$ 0.003	28. Chemstrip Criterion	10	1.013 $\pm$ 0.002
99. All methods	476	1.019 $\pm$ 0.005			
Sample U78					
1. Bayer Test Strip Manual (Multistix)	59	1.022 $\pm$ 0.003	2. Bayer Automated (Clinitek Systems)	199	1.020 $\pm$ 0.004
3. Roche Manual (Chemstrip)	22	1.019 $\pm$ 0.001	4. Roche Automated (UA Readers)	43	1.016 $\pm$ 0.002
7. Urinometer	1	1.010 $\pm$ 0.000	8. Refractometer	64	1.012 $\pm$ 0.001
10. Atlas System	59	1.014 $\pm$ 0.002	11. IRIS Mass Gravity Meter	8	1.014 $\pm$ 0.002
12. IRIS Roche UA Reader	6	1.016 $\pm$ 0.002	13. IRIS Clinitek Reader	1	1.014 $\pm$ 0.000
27. Other Chemistry Analyzer	2	1.018 $\pm$ 0.003	28. Chemstrip Criterion	10	1.018 $\pm$ 0.003
99. All methods	476	1.018 $\pm$ 0.005			
Sample U79					
1. Bayer Test Strip Manual (Multistix)	59	1.022 $\pm$ 0.003	2. Bayer Automated (Clinitek Systems)	199	1.022 $\pm$ 0.004
3. Roche Manual (Chemstrip)	22	1.017 $\pm$ 0.003	4. Roche Automated (UA Readers)	43	1.017 $\pm$ 0.003
7. Urinometer	1	1.008 $\pm$ 0.000	8. Refractometer	64	1.010 $\pm$ 0.001
10. Atlas System	59	1.011 $\pm$ 0.001	11. IRIS Mass Gravity Meter	8	1.012 $\pm$ 0.002
12. IRIS Roche UA Reader	6	1.015 $\pm$ 0.003	13. IRIS Clinitek Reader	1	1.011 $\pm$ 0.000
27. Other Chemistry Analyzer	2	1.018 $\pm$ 0.003	28. Chemstrip Criterion	10	1.019 $\pm$ 0.002
99. All methods	476	1.018 $\pm$ 0.006			
Sample U80					
1. Bayer Test Strip Manual (Multistix)	59	1.012 $\pm$ 0.003	2. Bayer Automated (Clinitek Systems)	199	1.014 $\pm$ 0.003
3. Roche Manual (Chemstrip)	22	1.012 $\pm$ 0.002	4. Roche Automated (UA Readers)	43	1.011 $\pm$ 0.002
7. Urinometer	1	1.007 $\pm$ 0.000	8. Refractometer	64	1.009 $\pm$ 0.002
10. Atlas System	59	1.010 $\pm$ 0.002	11. IRIS Mass Gravity Meter	8	1.009 $\pm$ 0.003
12. IRIS Roche UA Reader	6	1.013 $\pm$ 0.003	13. IRIS Clinitek Reader	1	1.010 $\pm$ 0.000
27. Other Chemistry Analyzer	2	1.010 $\pm$ 0.000	28. Chemstrip Criterion	10	1.013 $\pm$ 0.003
99. All methods	476	1.012 $\pm$ 0.001			

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

pH

Method Code	# Reported	Mean $\pm$ 1 SD	Method Code	# Reported	Mean $\pm$ 1 SD
Sample U76					
1. Bayer Test Strip Manual (Multistix)	91	5.9 $\pm$ 0.35	2. Bayer Automated (Clinitek Systems)	210	5.8 $\pm$ 0.33
3. Roche Manual (Chemstrip)	39	5.6 $\pm$ 0.44	4. Roche Automated (UA Readers)	48	6.0 $\pm$ 0.33
9. pH Meter	3	6.1 $\pm$ 0.15	10. Atlas Systems	59	6.1 $\pm$ 0.20
12. IRIS Clinitek Reader	11	6.0 $\pm$ 0.45	13. IRIS Roche UA Reader	4	5.6 $\pm$ 0.63
27. Other Chemistry Analyzer	3	6.0 $\pm$ 0.00	28. Chemstrip Criterion	13	6.0 $\pm$ 0.00
31. Labstix	1	5.0 $\pm$ 0.00	99. All methods	486	5.9 $\pm$ 0.36
Sample U77					
1. Bayer Test Strip Manual (Multistix)	91	7.0 $\pm$ 0.11	2. Bayer Automated (Clinitek Systems)	210	7.0 $\pm$ 0.13
3. Roche Manual (Chemstrip)	39	6.9 $\pm$ 0.20	4. Roche Automated (UA Readers)	48	7.0 $\pm$ 0.00
9. pH Meter	3	7.0 $\pm$ 0.10	10. Atlas Systems	59	7.0 $\pm$ 0.00
12. IRIS Clinitek Reader	11	7.0 $\pm$ 0.15	13. IRIS Roche UA Reader	4	6.9 $\pm$ 0.25
27. Other Chemistry Analyzer	3	6.9 $\pm$ 0.12	28. Chemstrip Criterion	13	7.0 $\pm$ 0.00
31. Labstix	1	7.0 $\pm$ 0.00	99. All methods	486	7.0 $\pm$ 0.12
Sample U78					
1. Bayer Test Strip Manual (Multistix)	91	5.1 $\pm$ 0.34	2. Bayer Automated (Clinitek Systems)	210	5.0 $\pm$ 0.15
3. Roche Manual (Chemstrip)	39	5.0 $\pm$ 0.16	4. Roche Automated (UA Readers)	48	5.1 $\pm$ 0.24
9. pH Meter	3	5.1 $\pm$ 0.10	10. Atlas Systems	59	5.2 $\pm$ 0.25
12. IRIS Clinitek Reader	11	5.1 $\pm$ 0.20	13. IRIS Roche UA Reader	4	5.4 $\pm$ 0.25
27. Other Chemistry Analyzer	3	5.1 $\pm$ 0.17	28. Chemstrip Criterion	13	5.2 $\pm$ 0.48
31. Labstix	1	5.0 $\pm$ 0.00	99. All methods	486	5.1 $\pm$ 0.24
Sample U79					
1. Bayer Test Strip Manual (Multistix)	91	6.1 $\pm$ 0.30	2. Bayer Automated (Clinitek Systems)	210	5.9 $\pm$ 0.24
3. Roche Manual (Chemstrip)	39	5.7 $\pm$ 0.44	4. Roche Automated (UA Readers)	48	6.0 $\pm$ 0.31
9. pH Meter	3	6.1 $\pm$ 0.17	10. Atlas Systems	59	6.2 $\pm$ 0.25
12. IRIS Clinitek Reader	11	6.0 $\pm$ 0.47	13. IRIS Roche UA Reader	4	5.6 $\pm$ 0.48
27. Other Chemistry Analyzer	3	5.9 $\pm$ 0.12	28. Chemstrip Criterion	13	6.0 $\pm$ 0.00
31. Labstix	1	5.0 $\pm$ 0.00	99. All methods	486	6.0 $\pm$ 0.31
Sample U80					
1. Bayer Test Strip Manual (Multistix)	91	6.6 $\pm$ 0.24	2. Bayer Automated (Clinitek Systems)	210	6.5 $\pm$ 0.54
3. Roche Manual (Chemstrip)	39	6.2 $\pm$ 0.45	4. Roche Automated (UA Readers)	48	6.7 $\pm$ 0.34
9. pH Meter	3	6.8 $\pm$ 0.21	10. Atlas Systems	59	6.9 $\pm$ 0.23
12. IRIS Clinitek Reader	11	6.7 $\pm$ 0.25	13. IRIS Roche UA Reader	4	6.4 $\pm$ 0.25
27. Other Chemistry Analyzer	3	6.6 $\pm$ 0.40	28. Chemstrip Criterion	13	6.5 $\pm$ 0.25
31. Labstix	1	6.0 $\pm$ 0.00	99. All methods	486	6.6 $\pm$ 0.45

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

Bilirubin

Method Code	1	2	3	4	5	6	7	Method Code	1	2	3	4	5	6	7
Sample U76															
1. Bayer Test Strip Manual (Multistix)	84	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	209	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	33	0	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0
10. Atlas System	58	0	0	0	0	0	0	12. IRIS Clinitek Reader	10	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	15. Ictotest	10	0	0	0	0	1	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0
99. All methods	474	0	0	0	0	1	0								
Sample U77															
1. Bayer Test Strip Manual (Multistix)	9	2	15	30	21	0	9	2. Bayer Automated (Clinitek Systems)	1	2	152	53	1	0	0
3. Roche Manual (Chemstrip)	3	4	19	8	1	0	0	4. Roche Automated (UA Readers)	11	2	35	0	0	0	0
10. Atlas System	0	0	27	31	0	0	0	12. IRIS Clinitek Reader	2	0	8	0	0	0	0
13. IRIS Roche UA Reader	1	0	3	0	0	0	0	15. Ictotest	0	1	16	11	3	151	0
27. Other Chemistry Analyzer	1	0	1	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0
99. All methods	41	11	279	134	26	152	9								
Sample U78															
1. Bayer Test Strip Manual (Multistix)	84	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	209	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	33	0	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0
10. Atlas System	58	0	0	0	0	0	0	12. IRIS Clinitek Reader	10	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	15. Ictotest	9	0	1	0	0	0	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0
99. All methods	474	0	1	0	0	0	0								
Sample U79															
1. Bayer Test Strip Manual (Multistix)	84	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	209	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	32	0	1	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0
10. Atlas System	58	0	0	0	0	0	0	12. IRIS Clinitek Reader	10	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	15. Ictotest	9	0	0	0	1	0	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0
99. All methods	472	0	1	0	1	0	0								
Sample U80															
1. Bayer Test Strip Manual (Multistix)	31	5	29	19	1	0	1	2. Bayer Automated (Clinitek Systems)	43	2	160	4	0	0	0
3. Roche Manual (Chemstrip)	14	5	16	0	0	0	0	4. Roche Automated (UA Readers)	39	1	8	0	0	0	0
10. Atlas System	11	0	47	0	0	0	0	12. IRIS Clinitek Reader	7	0	3	0	0	0	0
13. IRIS Roche UA Reader	3	0	1	0	0	0	0	15. Ictotest	2	1	19	4	0	109	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0
99. All methods	167	14	285	27	1	110	1								

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

Glucose

Method Code	1	2	3	4	5	6	7	8	Method Code	1	2	3	4	5	6	7	8
Sample U76																	
1. Bayer Test Strip Manual (Multistix)	92	0	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	210	0	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	40	0	0	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	0	17. Hitachi 747	1	0	0	0	0	0	0	0
18. Clinitest	6	0	0	0	0	0	0	0	23. Chemstrip UGK	1	0	0	0	0	0	0	0
24. Diastix	1	0	0	0	0	0	0	0	26. Hexokinase UV	1	0	0	0	0	0	0	0
27. Other Chemistry Analyzer	3	0	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0	0
30. Uristik	3	0	0	0	0	0	0	0	31. Labstix	1	0	0	0	0	0	0	0
33. Keto-diastix	1	0	0	0	0	0	0	0	99. All methods	497	0	0	0	0	0	0	0
Sample U77																	
1. Bayer Test Strip Manual (Multistix)	92	0	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	209	1	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	40	0	0	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	0	17. Hitachi 747	1	0	0	0	0	0	0	0
18. Clinitest	10	0	0	0	0	0	0	0	23. Chemstrip UGK	2	0	0	0	0	0	0	0
24. Diastix	1	0	0	0	0	0	0	0	26. Hexokinase UV	1	0	0	0	0	0	0	0
27. Other Chemistry Analyzer	3	0	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0	0
30. Uristik	3	0	0	0	0	0	0	0	31. Labstix	1	0	0	0	0	0	0	0
33. Keto-diastix	1	0	0	0	0	0	0	0	99. All methods	503	1	0	0	0	0	0	0
Sample U78																	
1. Bayer Test Strip Manual (Multistix)	92	0	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	210	0	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	40	0	0	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	0	17. Hitachi 747	1	0	0	0	0	0	0	0
18. Clinitest	6	0	0	0	0	0	0	0	23. Chemstrip UGK	1	0	0	0	0	0	0	0
24. Diastix	1	0	0	0	0	0	0	0	26. Hexokinase UV	1	0	0	0	0	0	0	0
27. Other Chemistry Analyzer	3	0	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0	0
30. Uristik	3	0	0	0	0	0	0	0	31. Labstix	1	0	0	0	0	0	0	0
33. Keto-diastix	1	0	0	0	0	0	0	0	99. All methods	498	0	0	0	0	0	0	0
Sample U79																	
1. Bayer Test Strip Manual (Multistix)	0	13	73	6	1	0	0	0	2. Bayer Automated (Clinitek Systems)	11	29	165	5	0	0	0	0
3. Roche Manual (Chemstrip)	1	2	29	12	3	0	1	0	4. Roche Automated (UA Readers)	0	0	46	2	0	0	0	0
10. Atlas Systems	0	5	45	9	0	0	0	0	12. IRIS Clinitek Reader	0	3	5	3	0	0	0	0
13. IRIS Roche UA Reader	0	2	0	2	0	0	0	0	17. Hitachi 747	0	1	1	0	0	0	0	0
18. Clinitest	2	31	8	44	4	0	0	0	23. Chemstrip UGK	0	0	5	2	0	0	0	0
24. Diastix	0	0	5	0	0	0	0	0	26. Hexokinase UV	0	0	1	0	0	0	0	0
27. Other Chemistry Analyzer	0	0	4	0	0	0	0	0	28. Chemstrip Criterion	0	0	13	0	0	0	0	0
30. Uristik	0	1	3	0	0	0	0	0	31. Labstix	0	0	1	0	0	0	0	0
33. Keto-diastix	0	1	4	0	0	0	0	0	99. All methods	14	88	410	85	9	0	1	0
Sample U80																	
1. Bayer Test Strip Manual (Multistix)	1	10	56	25	1	0	0	0	2. Bayer Automated (Clinitek Systems)	1	28	163	18	0	0	0	0
3. Roche Manual (Chemstrip)	0	1	36	8	1	0	1	0	4. Roche Automated (UA Readers)	0	3	43	2	0	0	0	0
10. Atlas Systems	1	6	48	4	0	0	0	0	12. IRIS Clinitek Reader	0	3	5	3	0	0	0	0
13. IRIS Roche UA Reader	1	1	0	2	0	0	0	0	17. Hitachi 747	0	0	2	0	0	0	0	0
18. Clinitest	27	26	8	27	2	0	0	0	23. Chemstrip UGK	0	0	6	2	0	0	0	0
24. Diastix	0	0	5	0	0	0	0	0	26. Hexokinase UV	0	0	1	0	0	0	0	0
27. Other Chemistry Analyzer	0	0	4	0	0	0	0	0	28. Chemstrip Criterion	0	0	13	0	0	0	0	0
30. Uristik	0	1	2	1	0	0	0	0	31. Labstix	0	0	1	0	0	0	0	0
33. Keto-diastix	0	2	3	0	0	0	0	0	99. All methods	31	81	399	92	4	0	1	0

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

Hemoglobin

Method Code	1	2	3	4	5	Method Code	1	2	3	4	5
Sample U76											
1. Bayer Test Strip Manual (Multistix)	91	1	0	0	0	2. Bayer Automated (Clinitek Systems)	210	0	0	0	0
3. Roche Manual (Chemstrip)	37	2	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0
10. Atlas Systems	58	1	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	27. Other Chemistry Analyzer	3	0	0	0	0
28. Chemstrip Criterion	13	0	0	0	0	29. Hemastix	2	0	0	0	0
31. Labstix	1	0	0	0	0	34. Chimera-UA Perfect	1	0	0	0	0
99. All methods	482	5	0	0	0						
Sample U77											
1. Bayer Test Strip Manual (Multistix)	1	0	2	65	25	2. Bayer Automated (Clinitek Systems)	1	0	8	191	10
3. Roche Manual (Chemstrip)	0	0	0	24	19	4. Roche Automated (UA Readers)	0	0	1	25	22
10. Atlas Systems	0	0	0	58	1	12. IRIS Clinitek Reader	0	0	0	5	6
13. IRIS Roche UA Reader	0	0	0	4	0	27. Other Chemistry Analyzer	0	0	1	2	0
28. Chemstrip Criterion	0	0	0	1	12	29. Hemastix	0	0	0	6	2
31. Labstix	0	0	0	1	0	34. Chimera-UA Perfect	0	0	0	0	1
99. All methods	2	0	12	384	101						
Sample U78											
1. Bayer Test Strip Manual (Multistix)	0	0	0	18	75	2. Bayer Automated (Clinitek Systems)	2	1	1	133	73
3. Roche Manual (Chemstrip)	0	0	0	12	31	4. Roche Automated (UA Readers)	0	0	0	2	46
10. Atlas Systems	0	0	0	35	24	12. IRIS Clinitek Reader	0	0	0	1	10
13. IRIS Roche UA Reader	0	0	0	1	3	27. Other Chemistry Analyzer	0	0	1	0	2
28. Chemstrip Criterion	0	0	0	0	13	29. Hemastix	0	0	0	4	4
31. Labstix	0	0	0	1	0	34. Chimera-UA Perfect	0	0	0	1	0
99. All methods	2	1	2	209	285						
Sample U79											
1. Bayer Test Strip Manual (Multistix)	0	1	2	45	45	2. Bayer Automated (Clinitek Systems)	1	0	4	183	22
3. Roche Manual (Chemstrip)	0	0	1	25	17	4. Roche Automated (UA Readers)	0	0	0	25	23
10. Atlas Systems	0	0	0	57	2	12. IRIS Clinitek Reader	0	0	1	6	4
13. IRIS Roche UA Reader	0	0	0	3	1	27. Other Chemistry Analyzer	0	0	1	2	0
28. Chemstrip Criterion	0	0	0	1	12	29. Hemastix	0	0	0	6	2
31. Labstix	0	0	0	1	0	34. Chimera-UA Perfect	0	0	0	1	0
99. All methods	1	1	9	358	130						
Sample U80											
1. Bayer Test Strip Manual (Multistix)	41	48	3	0	0	2. Bayer Automated (Clinitek Systems)	109	98	2	1	0
3. Roche Manual (Chemstrip)	6	27	8	0	0	4. Roche Automated (UA Readers)	2	13	32	1	0
10. Atlas Systems	51	7	0	0	1	12. IRIS Clinitek Reader	5	1	5	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	27. Other Chemistry Analyzer	1	0	2	0	0
28. Chemstrip Criterion	1	6	6	0	0	29. Hemastix	2	0	1	0	0
31. Labstix	1	0	0	0	0	34. Chimera-UA Perfect	1	0	0	0	0
99. All methods	226	200	60	3	1						

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

Ketones

Method Code	1	2	3	4	5	6	Method Code	1	2	3	4	5	6
Sample U76													
1. Bayer Test Strip Manual (Multistix)	92	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	210	0	0	0	0	0
3. Roche Manual (Chemstrip)	39	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	16. Acetest	5	0	0	0	0	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0
31. Labstix	1	0	0	0	0	0	32. Ketostix	1	0	0	0	0	0
34. Chimera-UA Perfect	1	0	0	0	0	0	99. All methods	489	0	0	0	0	0
Sample U77													
1. Bayer Test Strip Manual (Multistix)	0	0	10	79	3	1	2. Bayer Automated (Clinitek Systems)	0	1	118	91	0	0
3. Roche Manual (Chemstrip)	0	0	15	22	5	1	4. Roche Automated (UA Readers)	0	0	4	44	0	0
10. Atlas Systems	0	0	28	31	0	0	12. IRIS Clinitek Reader	0	0	2	9	0	0
13. IRIS Roche UA Reader	0	0	2	2	0	0	16. Acetest	0	2	18	37	2	11
23. Chemstrip UGK	0	0	1	2	1	0	27. Other Chemistry Analyzer	0	0	0	2	0	0
28. Chemstrip Criterion	0	0	1	12	0	0	31. Labstix	0	0	0	1	0	0
32. Ketostix	0	0	4	5	0	0	34. Chimera-UA Perfect	0	0	0	1	0	0
99. All methods	0	3	205	344	11	13							
Sample U78													
1. Bayer Test Strip Manual (Multistix)	91	0	1	0	0	0	2. Bayer Automated (Clinitek Systems)	210	0	0	0	0	0
3. Roche Manual (Chemstrip)	39	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	16. Acetest	5	0	0	0	0	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0
31. Labstix	1	0	0	0	0	0	32. Ketostix	1	0	0	0	0	0
34. Chimera-UA Perfect	1	0	0	0	0	0	99. All methods	488	0	1	0	0	0
Sample U79													
1. Bayer Test Strip Manual (Multistix)	1	4	79	9	0	0	2. Bayer Automated (Clinitek Systems)	0	26	182	2	0	0
3. Roche Manual (Chemstrip)	2	2	26	10	2	1	4. Roche Automated (UA Readers)	0	0	45	3	0	0
10. Atlas Systems	0	1	58	0	0	0	12. IRIS Clinitek Reader	0	1	9	1	0	0
13. IRIS Roche UA Reader	0	2	1	1	0	0	16. Acetest	0	4	48	6	0	10
23. Chemstrip UGK	0	0	3	1	0	0	27. Other Chemistry Analyzer	0	0	2	0	0	0
28. Chemstrip Criterion	0	2	11	0	0	0	31. Labstix	0	0	1	0	0	0
32. Ketostix	0	0	8	0	0	0	34. Chimera-UA Perfect	0	0	1	0	0	0
99. All methods	3	43	479	34	2	11							
Sample U80													
1. Bayer Test Strip Manual (Multistix)	92	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	208	1	1	0	0	0
3. Roche Manual (Chemstrip)	39	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	16. Acetest	5	0	0	0	0	0
27. Other Chemistry Analyzer	2	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0
31. Labstix	1	0	0	0	0	0	32. Ketostix	1	0	0	0	0	0
34. Chimera-UA Perfect	1	0	0	0	0	0	99. All methods	487	1	1	0	0	0

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

Protein

Method Code	1	2	3	4	5	6	7	8	Method Code	1	2	3	4	5	6	7	8
Sample U76																	
1. Bayer Test Strip Manual (Multistix)	92	0	0	0	0	0	0	0	2. Bayer Automated (Clinitek Systems)	208	0	0	0	0	0	0	0
3. Roche Manual (Chemstrip)	40	0	0	0	0	0	0	0	4. Roche Automated (UA Readers)	48	0	0	0	0	0	0	0
10. Atlas Systems	59	0	0	0	0	0	0	0	12. IRIS Clinitek Reader	11	0	0	0	0	0	0	0
13. IRIS Roche UA Reader	4	0	0	0	0	0	0	0	14. Sulfosalicylic Acid	13	0	0	0	0	1	0	0
17. Hitachi 747	0	0	0	0	0	0	0	0	25. Bayer Albustix	0	1	0	0	0	0	0	0
27. Other Chemistry Analyzer	3	0	0	0	0	0	0	0	28. Chemstrip Criterion	13	0	0	0	0	0	0	0
30. Uristik	3	0	0	0	0	0	0	0	31. Labstix	1	0	0	0	0	0	0	0
34. Chimera-UA Perfect	1	0	0	0	0	0	0	0	99. All methods	500	0	0	0	0	1	0	0
Sample U77																	
1. Bayer Test Strip Manual (Multistix)	0	0	1	3	72	9	1	8	2. Bayer Automated (Clinitek Systems)	0	0	0	16	191	2	0	0
3. Roche Manual (Chemstrip)	0	0	0	5	14	25	0	0	4. Roche Automated (UA Readers)	0	0	0	17	5	26	0	0
10. Atlas Systems	0	0	0	1	56	2	0	0	12. IRIS Clinitek Reader	0	0	0	3	7	1	0	0
13. IRIS Roche UA Reader	0	0	0	0	4	0	0	0	14. Sulfosalicylic Acid	1	0	0	17	94	20	0	2
17. Hitachi 747	0	0	0	1	0	0	0	0	25. Bayer Albustix	0	0	0	1	1	0	0	0
27. Other Chemistry Analyzer	0	0	0	1	1	1	0	0	28. Chemstrip Criterion	0	0	0	2	3	8	0	0
30. Uristik	0	0	0	2	1	1	0	0	31. Labstix	0	0	0	0	1	0	0	0
34. Chimera-UA Perfect	0	0	0	0	1	0	0	0	99. All methods	1	0	1	70	456	95	1	11
Sample U78																	
1. Bayer Test Strip Manual (Multistix)	1	10	78	5	0	0	0	0	2. Bayer Automated (Clinitek Systems)	0	25	178	6	0	0	0	0
3. Roche Manual (Chemstrip)	0	12	32	0	0	0	0	0	4. Roche Automated (UA Readers)	2	7	37	2	0	0	0	0
10. Atlas Systems	2	3	54	0	0	0	0	0	12. IRIS Clinitek Reader	0	5	6	0	0	0	0	0
13. IRIS Roche UA Reader	0	2	1	1	0	0	0	0	14. Sulfosalicylic Acid	3	31	82	7	0	0	0	0
17. Hitachi 747	0	1	0	0	0	0	0	0	25. Bayer Albustix	0	0	2	0	0	0	0	0
27. Other Chemistry Analyzer	0	1	2	0	0	0	0	0	28. Chemstrip Criterion	0	3	10	0	0	0	0	0
30. Uristik	0	1	3	0	0	0	0	0	31. Labstix	0	0	1	0	0	0	0	0
34. Chimera-UA Perfect	0	0	1	0	0	0	0	0	99. All methods	9	102	490	22	0	1	0	0
Sample U79																	
1. Bayer Test Strip Manual (Multistix)	0	0	0	4	55	17	5	13	2. Bayer Automated (Clinitek Systems)	0	0	0	12	196	1	0	0
3. Roche Manual (Chemstrip)	1	0	0	2	12	29	0	0	4. Roche Automated (UA Readers)	0	0	0	9	5	34	0	0
10. Atlas Systems	0	0	0	1	56	2	0	0	12. IRIS Clinitek Reader	0	0	0	3	7	1	0	0
13. IRIS Roche UA Reader	0	0	0	0	4	0	0	0	14. Sulfosalicylic Acid	1	1	0	20	79	26	3	2
17. Hitachi 747	0	0	0	1	0	0	0	0	25. Bayer Albustix	0	0	0	1	1	0	0	0
27. Other Chemistry Analyzer	0	0	0	1	1	1	0	0	28. Chemstrip Criterion	0	0	0	1	3	9	0	0
30. Uristik	0	0	0	0	4	0	0	0	31. Labstix	0	0	0	0	0	1	0	0
34. Chimera-UA Perfect	0	0	0	0	1	0	0	0	99. All methods	2	1	0	56	427	123	9	15
Sample U80																	
1. Bayer Test Strip Manual (Multistix)	1	1	2	67	22	1	0	0	2. Bayer Automated (Clinitek Systems)	0	0	2	158	49	0	0	0
3. Roche Manual (Chemstrip)	0	0	0	44	0	0	0	0	4. Roche Automated (UA Readers)	0	0	2	46	0	0	0	0
10. Atlas Systems	0	0	1	58	0	0	0	0	12. IRIS Clinitek Reader	0	0	0	11	0	0	0	0
13. IRIS Roche UA Reader	0	0	0	4	0	0	0	0	14. Sulfosalicylic Acid	0	0	12	91	23	2	0	1
17. Hitachi 747	0	0	1	0	0	0	0	0	25. Bayer Albustix	0	0	0	2	0	0	0	0
27. Other Chemistry Analyzer	0	0	0	3	0	0	0	0	28. Chemstrip Criterion	0	0	0	13	0	0	0	0
30. Uristik	0	0	0	4	0	0	0	0	31. Labstix	0	0	0	1	0	0	0	0
34. Chimera-UA Perfect	0	0	0	1	0	0	0	0	99. All methods	1	1	20	508	96	3	0	1

Urinalysis/Urine Pregnancy Proficiency Testing
12 February 2001

	hCG Content in Sample	<u>Reported Results</u>		
		Positive	Indeterminate	Negative
In Sample #				
U76	0 mIU/mL	0	0	424
U77	2 mIU/mL	125	26	271
U78	100 mIU/mL	417	1	4
U79	50 mIU/mL	411	2	9
U80	50 mIU/mL	408	6	8

Intact hCG is typically added to these specimens, however, specimen U77 contained 2mIU/mL of beta-hCG, rather than intact hCG. Two hundred seventy one (271) laboratories were not able to detect beta-hCG, since most kits detect intact hCG only. However, one hundred twenty five (125) laboratories obtained positive results for this sample. This sample was not graded.