



**PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS**

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THIRD QUADRIMESTER 2016

Adulterated Urine

Creatinine, semiquantitative

Name	Specimen 1					Specimen 2				
	10 mg/dL	50 mg/dL	100 mg/dL	200 mg/dL	300 mg/dL	10 mg/dL	50 mg/dL	100 mg/dL	200 mg/dL	300 mg/dL
Total Population	4	0	0	0	0	0	0	2	2	0
Flagging				***	***	***				

Creatinine, quantitative Urine Adulteration Creatinine, quantitative Urine Adulteration

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD			
Initial Grouping by Reagent										
Microgenics	1	10 - 16	C	12.8	0.7	98 - 132	P	115.2	5.2	5
Initial Grouping by Sens or Principle										
Jaffe/modified Jaffe	2	11 - 17	C	13.7	1.1	104 - 141	P	122.5	10	12
Total Population										
Whole Population	3	11 - 17	C	13.7	1	104 - 141	P	122.2	9.2	15

Nitrite

Name	Specimen 1		Specimen 2	
	Neg	Positive	Neg	Positive
Total Population	4	0	4	0
Flagging		***		***

Oxidants

Name	Specimen 1		Specimen 2	
	Neg	Positive	Neg	Positive
Thermo Scientific DRI	4		4	
Total Population	9	0	9	0
Flagging		***		***

pH

Name	Specimen 1					Specimen 2				
	5.0	5.5	6.0	6.5	7.0	5.0	5.5	6.0	6.5	7.0
All automated chem analyzer			5	1	1			4	2	1
Microgenics			5					4	1	
Total Population	1	0	12	2	3	1	0	8	6	3
Flagging	***					***	***			

Specific Gravity

Name	Line No.	Specimen 1				Specimen 2				No. of Labs
		Range	Type	Mean	s.d.	Range	Type	Mean	s.d.	
Initial Grouping by Reagent										
All automated chem analyzer	1	0.993 - 1.013	C	1.0027	0.0005	1.006 - 1.026	C	1.016	0.0013	6
Microgenics	2	0.993 - 1.013	C	1.003	0.0006	1.007 - 1.027	C	1.017	0.0006	5
Initial Grouping by Sens or Principle										
Other; Unknown	3	0.992 - 1.012	C	1.002	0.0016	1.005 - 1.025	C	1.0153	0.0072	4
All strips	4	0.993 - 1.013	C	1.0027	0.0005	1.006 - 1.026	C	1.016	0.0013	6
Total Population										
Whole Population	5	0.993 - 1.013	C	1.0027	0.0013	1.006 - 1.026	C	1.0157	0.0047	19

Adulteration Interpretation

Name
Total Population
Flagging

Specimen 1	
Adul	Norm
15	1

Specimen 2	
Adul	Norm
0	16

Correct responses are defined as those reflecting agreement among 80% or more of all participants. Unacceptable responses are indicated by "*****" on the Flagging line of each specimen.