



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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FIRST QUADRIMESTER 2017

Urinalysis - Specific Gravity

Name	Line No.	Range	Type	Mean	s.d.	No. of Labs
Specific Gravity - Urinalysis						
Initial Grouping by Method						
YD Diagnostics	1	1.015 - 1.035	C	1.025	0.005	7
Siemens Clinitek Status, Plus	2	1.02 - 1.04	C	1.0297	0.0019	328
Siemens Clinitek 50	3	1.02 - 1.04	C	1.0298	0.001	27
Siemens Reagent Strips	4	1.014 - 1.034	C	1.0237	0.0045	104
PSS Consult	5	1.012 - 1.032	C	1.0217	0.0048	36
YPC Uriscan	6	1.013 - 1.033	C	1.0233	0.0024	6
Roche Chemstrip 10 SG	7	0.999 - 1.019	C	1.0088	0.0025	27
Roche Chemstrip, Cobas	8	0.999 - 1.019	C	1.0087	0.0022	4
Mckesson MediLab 10SG	9	1.016 - 1.036	C	1.0259	0.0044	16
Siemens Clinitek Advantus	10	1.019 - 1.039	C	1.0292	0.0018	45
Siemens Clinitek 10	11	1.017 - 1.037	C	1.0265	0.0044	39
Siemens Clinitek 100	12	1.02 - 1.04	C	1.03	0	11
All refractometers	13	1.013 - 1.033	C	1.0233	0.0014	24
Roche Urisys 1100	14	1.0 - 1.02	C	1.01	0	21
All automated chem analyzer	15	1.015 - 1.035	C	1.025	0.0035	4
Roche Chemstrip 10 MD	16	1.0 - 1.02	C	1.0103	0.0025	20
Roche Chemstrip 10 UA	17	0.998 - 1.018	C	1.0082	0.0039	11
Siemens Clinitek 500	18	1.02 - 1.04	C	1.0296	0.0014	24
Teco Diagnostic	19	1.018 - 1.038	C	1.0275	0.0025	4
Iris iChem	20	1.013 - 1.033	C	1.023	0	8
Schein Urispec strips	21	1.013 - 1.033	C	1.0225	0.0025	4
Mckesson 120	22	1.02 - 1.04	C	1.03	0	5
Roche Cobas U 411	23	1.002 - 1.022	C	1.0119	0.0024	8
Roche Criterion II	24	1.001 - 1.021	C	1.011	0.002	5
Initial Grouping by Sensitivity or Principle						
All strips	25	1.016 - 1.036	C	1.0262	0.0064	747
All other	26	1.02 - 1.04	C	1.03	0	6
All direct physical methods	27	1.013 - 1.033	C	1.0232	0.0017	27
All automated chem analyzer	28	1.015 - 1.035	C	1.025	0.0035	4
TOTAL POPULATION						
Whole Population	29	1.022 - 1.042	C	1.0324	0.1906	827

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.