



PROFICIENCY TESTING SERVICE
AMERICAN ASSOCIATION OF BIOANALYSTS
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SECOND QUADRIMESTER 2016

Urinalysis - Specific Gravity

Name	Line No.	Range	Type	Mean	s.d.	No. of Labs
Specific Gravity - Urinalysis						
Initial Grouping by Method						
Siemens Clinitek 50	1	1.013 - 1.033	C	1.0234	0.0038	34
Siemens Reagent Strips	2	1.006 - 1.026	C	1.0164	0.0047	126
Siemens Clinitek Status, Plus	3	1.015 - 1.035	C	1.0253	0.002	350
Mckesson MediLab 10SG	4	1.008 - 1.028	C	1.0184	0.0023	16
PSS Consult	5	1.009 - 1.029	C	1.0186	0.004	45
Roche Chemstrip 10 UA	6	0.998 - 1.018	C	1.0079	0.0049	17
Siemens Clinitek 500	7	1.014 - 1.034	C	1.0244	0.0029	26
Siemens Clinitek 100	8	1.015 - 1.035	C	1.025	0	12
Siemens Clinitek Atlas	9	1.012 - 1.032	C	1.0224	0.002	7
Siemens Clinitek Advantus	10	1.014 - 1.034	C	1.0236	0.0023	50
Diag Test Group Clarity	11	1.008 - 1.028	C	1.0175	0.0025	4
Iris iChem	12	1.008 - 1.028	C	1.0178	0.0012	6
All automated chem analyzer	13	1.012 - 1.032	C	1.0215	0.0021	4
Siemens Clinitek 10	14	1.009 - 1.029	C	1.0188	0.0069	37
Roche Chemstrip 10 MD	15	0.998 - 1.018	C	1.0081	0.0044	29
All refractometers	16	1.012 - 1.032	C	1.0215	0.0014	28
Roche Urisys 1100	17	1.001 - 1.021	C	1.0111	0.0028	27
Roche Cobas U 411	18	1.003 - 1.023	C	1.0125	0.0025	6
Roche Chemstrip 10 SG	19	0.995 - 1.015	C	1.0052	0.0022	25
NDC Pro Advantage	20	1.008 - 1.028	C	1.018	0.0024	5
Roche Criterion II	21	1.001 - 1.021	C	1.0113	0.0022	4
Roche Urisys 1800, 2400	22	1.004 - 1.024	C	1.0138	0.0054	6
Roche Chemstrip, Cobas	23	0.996 - 1.016	C	1.006	0.0049	5
PSS Select	24	1.012 - 1.032	C	1.022	0.0068	5
Initial Grouping by Sensitivity or Principle						
All strips	25	1.011 - 1.031	C	1.0209	0.0063	825
All direct physical methods	26	1.012 - 1.032	C	1.0217	0.0016	35
Other; Unknown	27	1.012 - 1.032	C	1.0215	0.0021	4
All other methods	28	1.011 - 1.031	C	1.0207	0.0078	7
TOTAL POPULATION						
Whole Population	29	1.037 - 1.057	C	1.0467	0.7941	911

*Correct responses are defined as those reflecting agreement among 80% or more of all participants.