

Listing and evaluation of the results

1: Dr. med.Max Mustermann
 Laboratory Mustermann
 Survey of 29 January 2021

Adviser:

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Urine Chemistry 01 (Qualitative)

Analyte	Sample	Unit	Your value	Target value	TV-Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
pH	11		9.00	9.00	ET	8.00	9.00	0.0%	0	+	
	12		8.00	7.50	ET	7.00	8.00	6.7%	1,29	+	
specific gravity	11		1.01	1.012	SV	1.002	1.022	-0.2%	-0,5	+	
	12		1.01	1.015	SV	1.005	1.025	-0.5%	-1	+	

Analyte	Sample	Your unit	Stated value	Conversion factor	Method	Manufacturer	Device	Cut Off
pH	11		9.00	1.00	178	RO	RO83	
	12		8.00	1.00				
specific gravity	11		1.01	1.00	178	RO	RO83	
	12		1.01	1.00				

Analyte	Sample	Method	Manufacturer	Device	Your specification(s)	Correct specification(s)	TV-Type	Meets criteria
Albumin - Urine	11	177	RO		negative (1)	negative (1)	M	+
	12				positive (3)	positive (3)	M	+
Bilirubin	11	178	RO	RO83	negative (1)	negative (1)	M	+
	12				negative (1)	negative (1)	M	+
Erythrocytes	11	178	RO	RO83	negative (1)	negative (1)	M	+
	12				positive (3)	borderline, positive (2,3)	M	+
Glucose	11	178	RO	RO83	positive (3)	borderline, positive (2,3)	M	+
	12				positive (3)	positive (3)	M	+
Ketone Bodies	11	178	RO	RO83	positive (3)	borderline, positive (2,3)	M	+
	12				positive (3)	negative, borderline, positive (1,2,3)	M	+
Leucocytes	11	178	RO	RO83	positive (3)	negative, borderline, positive (1,2,3)	M	+
	12				negative (1)	negative (1)	M	+
Nitrite	11	178	RO	RO83	positive (3)	positive (3)	M	+
	12				positive (3)	positive (3)	M	+
Protein	11	178	RO	RO83	negative (1)	negative, borderline (1,2)	M	+
	12				positive (3)	positive (3)	M	+
Urobilinogen	11	178	RO	RO83	negative (1)	negative (1)	M	+
	12				negative (1)	negative (1)	M	+
hCG	11	177	HT		negative (1)	negative (1)	M	+
	12				negative (1)	negative (1)	M	+

** BRAVO **



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Urine Chemistry 06 (Sediment Pictures)

Analyte	Sample	Method	Manufacturer	Device	Your specification(s)	Correct specification(s)	TV-Type	Meets criteria
Sediment Picture a)	(1) 11				Renal / round epithelium / tubular cell (35)	Renal / round epithelium / tubular cell, Transitional epithelial cells (35,48)	M	+
Sediment Picture b)	(1) 11				Granulated cast (23)	Granulated cast, Erythrocyte cast, Leucocyte cast (23,33,19)	M	+
Sediment Picture c)	(1) 11				Yeast / Fungi (27)	Yeast / Fungi (27)	M	+
Sediment Picture d)	(1) 12				Yeast / Fungi (27)	Yeast / Fungi (27)	M	+
Sediment Picture e)	(1) 12				component not listed (99)	Erythrocyte (18)	M	-

(1) To obtain the certificate "Urine chemistry (Sediment) (R: B2)", at least 4 of the possible 5 examinations must be correctly determined, your number is 4.

Individual summary of results

1: Dr. med.Max Mustermann
Laboratory Mustermann

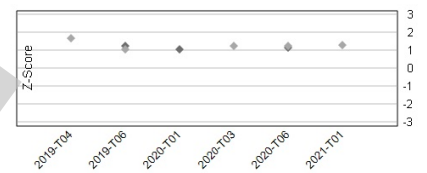
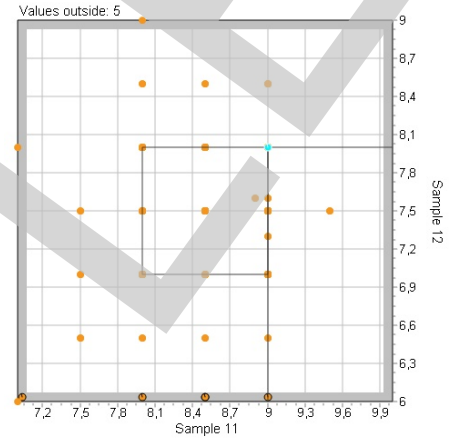
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Urine Chemistry 01 (Qualitative)

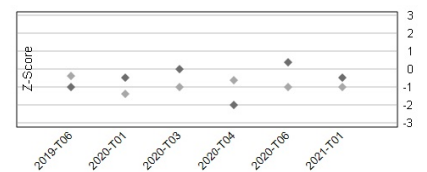
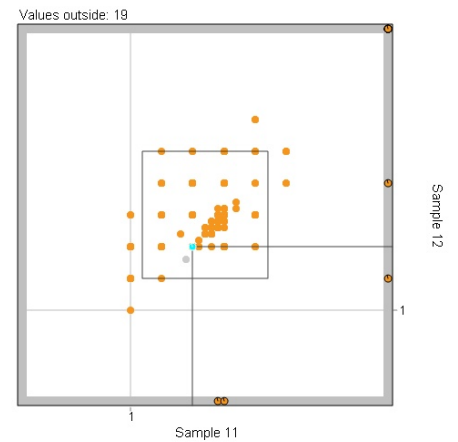
pH (N = 495)									
Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
all methods	11	9.00	8.00 - 9.00	9.00	0.000	495	98.6	96.2	
	12	7.50	7.00 - 8.00	7.62	5.09	495	97.0		

Rate of success: 96,2%



specific gravity (N = 467)									
Collective	Sample	Target value	Target range	Participants collective			Rate (%)		
				AVG	CV	Num.	Sam.	total	
IRIS International	11	1.013	1.003 - 1.023	1.013	0.099	15	100	100	
	12	1.012	1.002 - 1.022	1.012	0.099	15	100		
others	11	1.012	1.002 - 1.022	1.012	0.395	452	89.2	88.3	
	12	1.015	1.005 - 1.025	1.015	0.493	452	95.4		

Rate of success: 88,7%





Urine Chemistry 01 (Qualitative)

Albumin - Urine (N = 55, Rate of success: 43,6%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Siemens	8 ●	0	5	13
Roche	8 ●	5	8	21
others	10 ●	6	5	21

Sample 12

Collective	negative (1)	positive (3)	total
Siemens	0	13 ●	13
Roche	0	21 ●	21
others	2	19 ●	21

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Bilirubin (N = 483, Rate of success: 90,5%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	11 ●	0	0	11
Siemens	128 ●	1	0	129
IRIS International	17 ●	0	0	17
AxonLab, Menarini	10 ●	0	0	10
Macherey-Nagel	11 ●	0	1	12
Roche	169 ●	2	1	172
Sysmex	61 ●	0	0	61
others	71 ●	0	0	71

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	9 ●	1	1	11
Siemens	123 ●	4	1	128
IRIS International	17 ●	0	0	17
AxonLab, Menarini	10 ●	0	0	10
Macherey-Nagel	9 ●	2	1	12
Roche	143 ●	9	20	172
Sysmex	60 ●	0	1	61
others	68 ●	2	1	71

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Erythrocytes (N = 503, Rate of success: 91,8%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	15 ●	0	0	15
Siemens	132 ●	0	0	132
IRIS International	16 ●	0	0	16
AxonLab, Menarini	10 ●	0	0	10
Macherey-Nagel	12 ●	0	0	12
Roche	166 ●	1	5	172
Sysmex	60 ●	0	1	61
others	83 ●	1	1	85

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	1	3 ●	11 ●	15
Siemens	8	54 ●	70 ●	132
IRIS International	2	10 ●	4 ●	16
AxonLab, Menarini	7	3 ●	0 ●	10
Macherey-Nagel	2	2 ●	8 ●	12
Roche	6	11 ●	155 ●	172
Sysmex	2	5 ●	54 ●	61
others	8	29 ●	48 ●	85

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Glucose (N = 502, Rate of success: 94,8%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	0	1 ●	14 ●	15
Siemens	4	31 ●	97 ●	132
IRIS International	0	0 ●	17 ●	17
AxonLab, Menarini	0	0 ●	10 ●	10
Macherey-Nagel	0	0 ●	13 ●	13
Roche	0	1 ●	171 ●	172
Sysmex	0	1 ●	60 ●	61
others	1	8 ●	73 ●	82

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	0	1	14 ●	15
Siemens	2	11	119 ●	132
IRIS International	0	0	17 ●	17
AxonLab, Menarini	0	0	10 ●	10
Macherey-Nagel	0	0	13 ●	13
Roche	0	0	172 ●	172
Sysmex	0	1	60 ●	61
others	1	6	75 ●	82

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Ketone Bodies (N = 491, Rate of success: 94,7%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	1	6 ●	4 ●	11
Siemens	4	16 ●	111 ●	131
IRIS International	0	2 ●	15 ●	17
AxonLab, Menarini	0	1 ●	9 ●	10
Macherey-Nagel	0	1 ●	10 ●	11
Roche	4	3 ●	165 ●	172
Sysmex	4	2 ●	55 ●	61
others	0	10 ●	68 ●	78

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	10 ●	0 ●	1	11
Siemens	126 ●	4 ●	1	131
IRIS International	16 ●	0 ●	1	17
AxonLab, Menarini	7 ●	2 ●	1	10
Macherey-Nagel	10 ●	0 ●	1	11
Roche	65 ●	29 ●	78 ●	172
Sysmex	59 ●	0 ●	2	61
others	69 ●	3 ●	6	78

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Leucocytes (N = 495, Rate of success: 92,9%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	11 ●	1 ●	0	12
Siemens	116 ●	9 ●	5	130
IRIS International	36 ●	0 ●	2	38
AxonLab, Menarini	10 ●	0 ●	0	10
Macherey-Nagel	10 ●	0 ●	2	12
Roche	97 ●	14 ●	62 ●	173
Sysmex	56 ●	1 ●	3	60
others	55 ●	3 ●	2	60

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	11 ●	1	0	12
Siemens	127 ●	0	2	129
IRIS International	38 ●	0	0	38
AxonLab, Menarini	10 ●	0	0	10
Macherey-Nagel	11 ●	0	1	12
Roche	158 ●	1	14	173
Sysmex	59 ●	0	1	60
others	57 ●	1	2	60

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Nitrite (N = 501, Rate of success: 99,2%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	0	1	15 ●	16
Siemens	1	0	130 ●	131
IRIS International	0	0	17 ●	17
AxonLab, Menarini	0	0	10 ●	10
Macherey-Nagel	0	0	12 ●	12
Roche	0	0	173 ●	173
Sysmex	0	0	60 ●	60
others	1	1	80 ●	82

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	0	0	16 ●	16
Siemens	1	0	130 ●	131
IRIS International	0	0	17 ●	17
AxonLab, Menarini	0	0	10 ●	10
Macherey-Nagel	0	0	12 ●	12
Roche	0	0	173 ●	173
Sysmex	0	0	60 ●	60
others	0	1	81 ●	82

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Protein (N = 502, Rate of success: 89,6%)

Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	3 ●	8 ●	4	15
Siemens	121 ●	9 ●	3	133
IRIS International	1 ●	12 ●	4	17
AxonLab, Menarini	6 ●	4 ●	0	10
Macherey-Nagel	7 ●	3 ●	3	13
Roche	142 ●	14 ●	17	173
Sysmex	51 ●	6 ●	4	61
others	41 ●	25 ●	14	80

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	0	0	15 ●	15
Siemens	1	2	130 ●	133
IRIS International	0	0	17 ●	17
AxonLab, Menarini	0	0	10 ●	10
Macherey-Nagel	0	0	13 ●	13
Roche	2	0	171 ●	173
Sysmex	0	0	61 ●	61
others	0	0	80 ●	80

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Urobilinogen (N = 485, Rate of success: 97,9%)
Sample 11

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	11 ●	0	0	11
Siemens	123 ●	3	2	128
IRIS International	17 ●	0	0	17
AxonLab, Menarini	9 ●	0	0	9
Macherey-Nagel	12 ●	0	0	12
Roche	169 ●	1	1	171
Sysmex	59 ●	0	0	59
others	77 ●	1	0	78

Sample 12

Collective	negative (1)	borderline (2)	positive (3)	total
Analyticon	10 ●	1	0	11
Siemens	124 ●	2	2	128
IRIS International	17 ●	0	0	17
AxonLab, Menarini	9 ●	0	0	9
Macherey-Nagel	12 ●	0	0	12
Roche	170 ●	1	0	171
Sysmex	59 ●	0	0	59
others	76 ●	1	0	77

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

hCG (N = 251, Rate of success: 99,2%)
Sample 11

Collective	negative (1)	positive (3)	total
all methods	250 ●	1	251

Sample 12

Collective	negative (1)	borderline (2)	total
all methods	249 ●	1	250

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

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Urine Chemistry 06 (Sediment Pictures)
Sediment Picture a) (N = 1258, Rate of success: 76,2%)
Sample 11

Collective	Renal / round epithelium / tubular cell (35)	Transitional epithelial cells (48)	Leucocyte (32)	Histiocyte (28)	others	total
all specifications	810 ●	148 ●	137	101	62	1258

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Sediment Picture b) (N = 1259, Rate of success: 88,3%)
Sample 11

Collective	Granulated cast (23)	Leucocyte cast (33)	Erythrocyte cast (19)	Hyaline cast (29)	others	total
all specifications	620 ●	342 ●	150 ●	53	94	1259

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Sediment Picture c) (N = 1260, Rate of success: 75,8%)
Sample 11

Collective	Yeast / Fungi (27)	Erythrocyte (18)	dysmorphic erythrocytes (16)	Renal / round epithelium / tubular cell (35)	others	total
all specifications	955 ●	187	42	12	64	1260

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective



Sediment Picture d) (N = 1262, Rate of success: 95,9%)

Sample 12

Collective	Yeast / Fungi (27)	Thread (20)	component not listed (99)	Erythrocyte (18)	others	total
all specifications	1213 ●	28	10	5	6	1262

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

Sediment Picture e) (N = 1260, Rate of success: 75,3%)

Sample 12

Collective	Erythrocyte (18)	Air bubble (34)	dysmorphic erythrocytes (16)	Leucocyte (32)	others	total
all specifications	949 ●	95	89	33	94	1260

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

EXAMPLE