

## Listing and evaluation of the results

1: Dr. med.Max Mustermann  
Laboratory Mustermann

Survey of 29 January 2021

Adviser:

612

### Haematology 06 - Differential Blood Count (Machine-Based Analysis)

Analyte	Sam- ple	Unit	Your value	Target value	TV- Type	Lower limit	Upper limit	Deviation	Z-Score	Meets criteria	
Haemoglobin	11	g/l	135	137	RMV	129	145	-1.5%	-1,14	+	
	12		104	107	RMV	101	113	-2.8%	-1,7	+	
Erythrocytes	11	/pl	4.49	4.50	SV	4.14	4.86	-0.2%	-0,147	+	
	12		3.13	3.15	SV	2.90	3.40	-0.6%	-0,345	+	
MCV	11	fl	87.3	87.5	SV	79.6	95.4	-0.2%	-0,123	+	
	12		96.5	96.2	SV	87.5	105	0.3%	0,181	+	
Haematocrit el.count	11	l/l	0.392	0.394	SV	0.359	0.429	-0.5%	-0,222	+	
	12		0.302	0.304	SV	0.277	0.331	-0.7%	-0,25	+	
Leucocytes	11	/nl	5.61	5.67	SV	4.65	6.69	-1.1%	-0,397	+	
	12		4.32	4.32	SV	3.54	5.10	0.0%	0	+	
Thrombocytes	11	/nl	324	313	SV	272	354	3.5%	0,753	+	
	12		153	145	SV	119	171	5.5%	1,35	+	
neutrophil Granulocytes	11	/nl	2.96	3.00	SV	2.10	3.90	-1.3%	-0,404	+	
	12		2.37	2.40	SV	1.68	3.12	-1.3%	-0,353	+	
Lymphocytes	11	/nl	2.04	2.05	SV	1.43	2.67	-0.5%	-0,118	+	
	12		1.51	1.53	SV	1.07	1.99	-1.3%	-0,286	+	
eosinophil Granulocytes	11	/nl	0.150	0.146	ET	0.100	0.190	2.7%	0,222	+	
	12		0.090		ET		<=0.100		0,417	+	
basophilic Granulocytes	11	/nl	0.030		ET		<=0.100		-0,182	+	
	12		0.020		ET		<=0.100		0,111	+	
Monocytes	11	/nl	0.430	0.440	ET	0.300	0.580	-2.3%	-0,278	+	
	12		0.330	0.290	ET	0.200	0.380	13.8%	1,14	+	
Haematocrit centrif.	11	l/l	0.399	0.398	SV	0.362	0.434	0.3%	0,083	+	
	12		0.300	0.300	SV	0.273	0.327	0.0%	0	+	



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Analyte	Sample	Your unit	Stated value	Conversion factor	Method	Manufacturer	Device
Haemoglobin	11	g/dl	13.5	10.0	9999		SY32
	12		10.4	10.0			
Erythrocytes	11	/pl	4.49	1.00	216		SY32
	12		3.13	1.00			
MCV	11	fl	87.3	1.00			SY32
	12		96.5	1.00			
Haematocrit el.count	11	l/l	0.392	1.00			SY32
	12		0.302	1.00			
Leucocytes	11	/nl	5.61	1.00	217		SY32
	12		4.32	1.00			
Thrombocytes	11	/nl	324	1.00	216		SY32
	12		153	1.00			
neutrophil Granulocytes	11		2.96	1.00			SY32
	12		2.37	1.00			
Lymphocytes	11		2.04	1.00			SY32
	12		1.51	1.00			
eosinophil Granulocytes	11		0.150	1.00			SY32
	12		0.090	1.00			
basophilic Granulocytes	11		0.030	1.00			SY32
	12		0.020	1.00			
Monocytes	11		0.430	1.00			SY32
	12		0.330	1.00			
Haematocrit centrif.	11	l/l	0.399	1.00			
	12		0.300	1.00			

## Individual summary of results

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

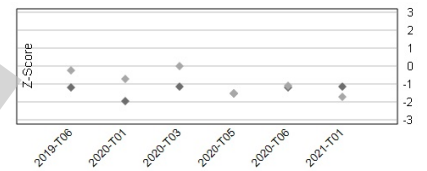
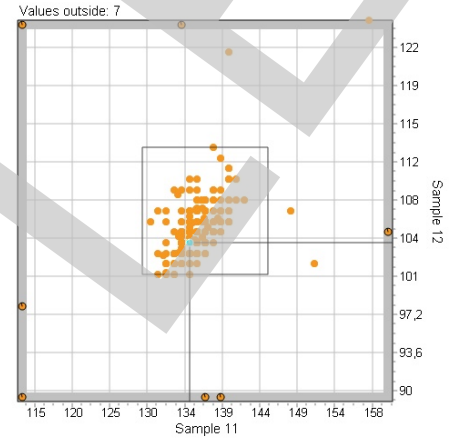
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### Haematology 06 - Differential Blood Count (Machine-Based Analysis)

#### Haemoglobin (g/l, N = 367)

Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
all provider	11	137	129 - 145	136	1.29	367	98.1	97.0
	12	107	101 - 113	105	1.68	367	97.8	

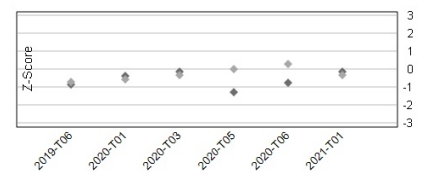
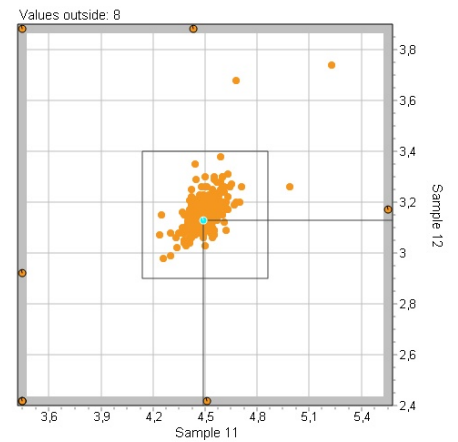
Rate of success: 97%



#### Erythrocytes (/pl, N = 365)

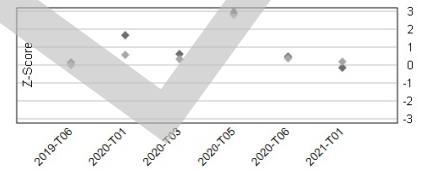
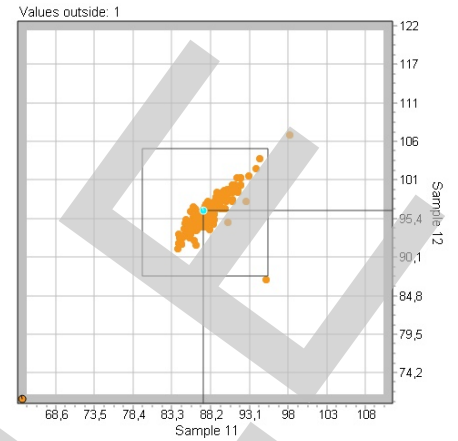
Collective	Sample	Target value	Target range	Participants collective			Rate (%)	
				AVG	CV	Num.	Sam.	total
all provider	11	4.50	4.14 - 4.86	4.50	1.51	365	97.8	97.0
	12	3.15	2.90 - 3.40	3.15	1.84	365	97.8	

Rate of success: 97%



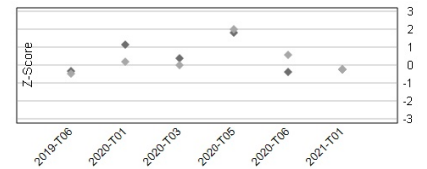
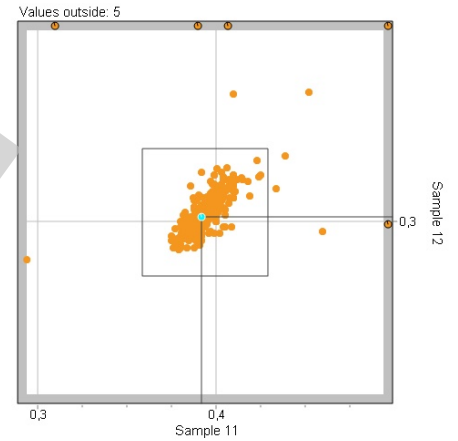
MCV (fl, N = 364)										
Collective	Sam- ple	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
all provider	11	87.5	79.6 - 95.4	87.5	1.85	364	99.5	99.2		
	12	96.2	87.5 - 105	96.2	1.73	364	99.2			

Rate of success: 99,2%



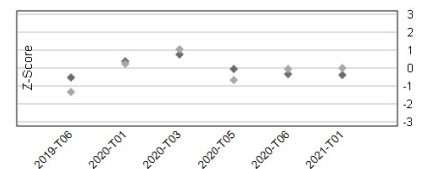
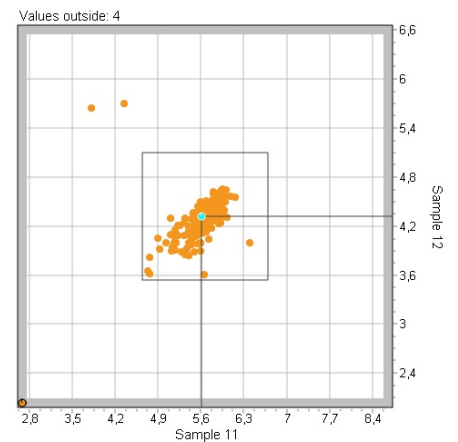
Haematocrit el.count (l/l, N = 363)										
Collective	Sam- ple	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
all provider	11	0.394	0.359 - 0.429	0.394	2.28	363	97.8	97.0		
	12	0.304	0.277 - 0.331	0.304	2.63	363	98.3			

Rate of success: 97%



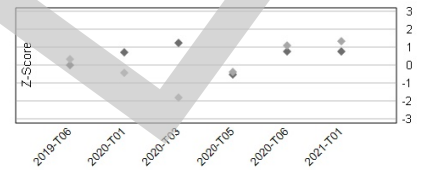
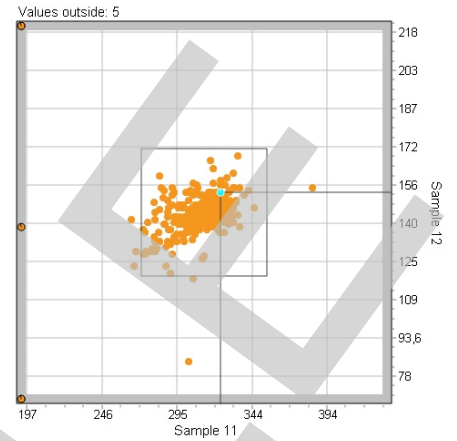
Leucocytes (/nl, N = 365)										
Collective	Sam- ple	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
all provider	11	5.67	4.65 - 6.69	5.67	2.66	365	98.4	98.4		
	12	4.32	3.54 - 5.10	4.32	2.99	365	98.4			

Rate of success: 98,4%



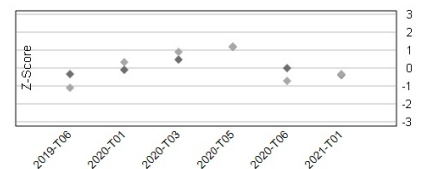
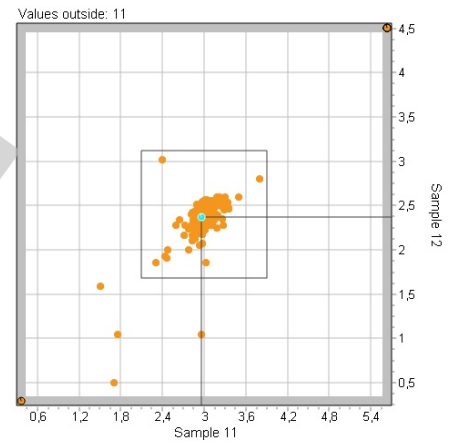
Thrombocytes (/nl, N = 365)										
Collective	Sam- ple	Target value	Target range			Participants collective			Rate (%)	
						AVG	CV	Num.	Sam.	total
all provider	11	313	272	-	354	313	4.66	365	97.5	97.0
	12	145	119	-	171	145	4.08	365	98.4	

Rate of success: 97%



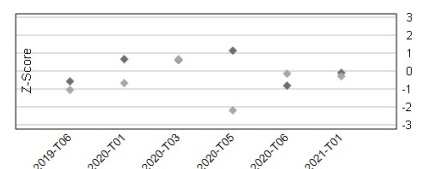
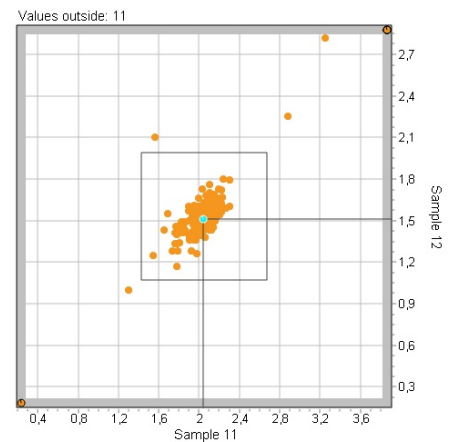
neutrophil Granulocytes (/nl, N = 360)										
Collective	Sam- ple	Target value	Target range			Participants collective			Rate (%)	
						AVG	CV	Num.	Sam.	total
all provider	11	3.00	2.10	-	3.90	3.00	3.30	360	96.1	95.8
	12	2.40	1.68	-	3.12	2.40	3.54	360	95.8	

Rate of success: 95,8%



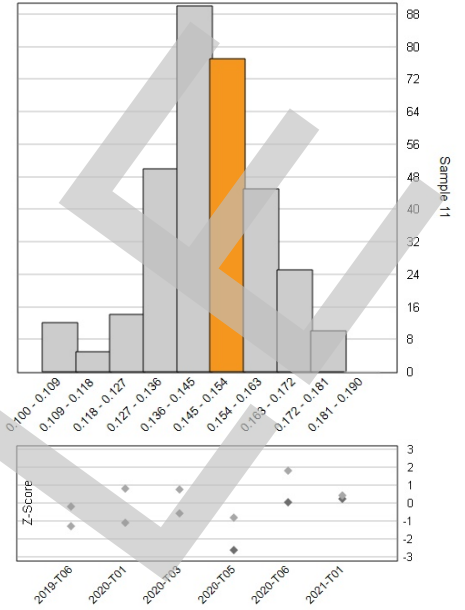
Lymphocytes (/nl, N = 362)										
Collective	Sam- ple	Target value	Target range			Participants collective			Rate (%)	
						AVG	CV	Num.	Sam.	total
all provider	11	2.05	1.43	-	2.67	2.05	4.15	362	96.1	95.9
	12	1.53	1.07	-	1.99	1.53	4.58	362	95.9	

Rate of success: 95,9%



eosinophil Granulocytes (/nl, N = 357)										
Collective	Sam- ple	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
all provider	11	0.146	0.100 - 0.190	0.146	12.3	357	93.0	90.5		
	12		- <=0.100	0.085	14.1	357	94.4			

Rate of success: 90,5%



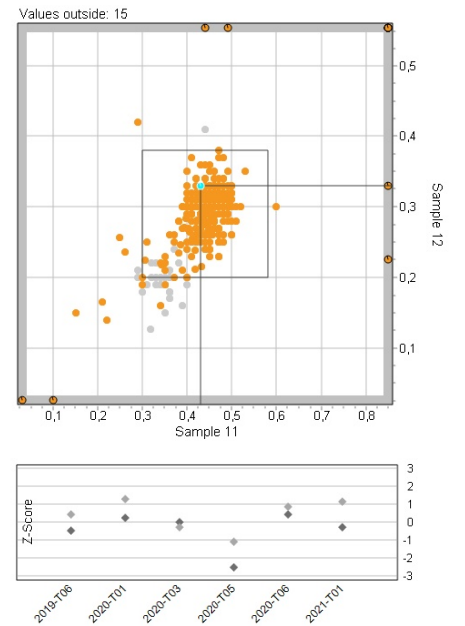
basophilic Granulocytes (/nl, N = 357)										
Collective	Sam- ple	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
other provider	11		- <=0.100	0.032	34.4	357	97.2	96.6		
	12		- <=0.100	0.019	47.4	357	97.5			

Rate of success: 96,6%

Graphical representation  
not useful

Monocytes (/nl, N = 358)										
Collective	Sam- ple	Target value	Target range	Participants collective			Rate (%)			
				AVG	CV	Num.	Sam.	total		
Siemens (Bayer)	11	0.360	0.250 - 0.470	0.356	12.1	32	93.8	84.4		
	12	0.200	0.140 - 0.300	0.202	15.3	32	84.4			
other provider	11	0.440	0.300 - 0.580	0.444	8.11	326	94.5	92.9		
	12	0.290	0.200 - 0.380	0.294	11.9	326	94.5			

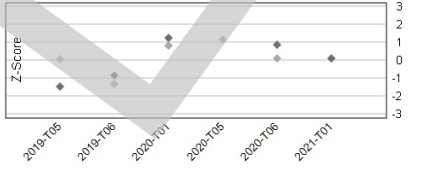
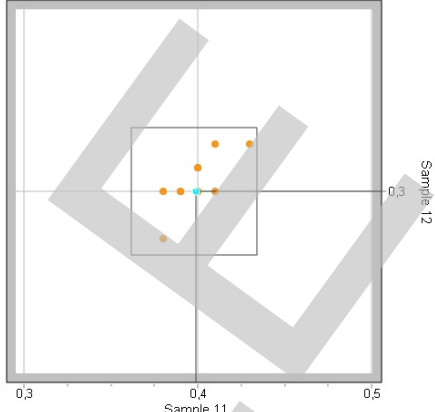
Rate of success: 92,2%





Haematocrit centrif. (l/l, N = 13)										
Collective	Sam-ple	Target value	Target range			Participants collective			Rate (%)	
						AVG	CV	Num.	Sam.	total
all provider	11	0.398	0.362	-	0.434	0.398	3.02	13	100	100
	12	0.300	0.273	-	0.327	0.300	0.000	13	100	100

Rate of success: 100%



EXAMPLE