

Setup: all data

AV = assigned value

CVE = consensus of the experts

&gt;&gt;&gt; ... expected result

&gt; ... acceptable result

± ... result not assessed

N<sub>tot</sub> = total number of the resultsN<sub>rel</sub> = relative number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Sample Test Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]

**Photo 1****(821) Object no. 1: type of cell**

All results  
 CVE >>> 2 4,5 Neutrophil myelocyte  
 42 95 Lymphocyte

**(822) Object no. 1: morphology**

All results  
 > 22 50 No changes  
 1 2,3 Hypogranulation/agranulation  
 3 6,8 Lymphocytes - atypical forms  
 > 16 36 LGL/big lymphocytes  
 2 4,5 Lymphocytes - reactive forms

**(823) Object no. 2: type of cell**

All results  
 CVE >>> 38 86 Blast  
 6 14 Lymphocyte

**(824) Object no. 2: morphology**

All results  
 > 28 64 Not specified  
 > 10 23 No changes  
 5 11 Lymphocytes - atypical forms  
 1 2,3 LGL/big lymphocytes

**(825) Object no. 3: type of cell**

All results  
 CVE >>> 44 100 Bare nuclei, smudge cell

**(826) Object no. 3: morphology**

All results  
 > 34 77 Not specified  
 > 10 23 No changes

**(827) Object no. 4: type of cell**

All results  
 CVE >>> 22 50 Blast  
 2 4,5 Monocyte  
 20 45 Lymphocyte

**(828) Object no. 4: morphology**

All results  
 > 17 39 Not specified  
 > 6 14 No changes  
 13 30 Lymphocytes - atypical forms  
 2 4,5 Atypical/reactive monocytes  
 1 2,3 LGL/big lymphocytes  
 6 14 Lymphocytes - reactive forms

**(841) RBC - morphology**

All results  
 CVE >>> 30 68 Anisocytosis  
 5 11 Macrocytosis  
 1 2,3 Normocytosis  
 3 6,8 Anisochromia  
 > 12 27 Hypochromia  
 > 23 52 Polychromasia  
 8 18 Dacryocytes  
 1 2,3 Drepanocytes  
 2 4,5 Ovalocytes  
 > 4 9,1 Knizocytes  
 > 34 77 Spherocytes  
 CVE >>> 31 70 Schistocytes (and other fragmentocytes)  
 CVE >>> 42 95 Stomatocytes  
 2 4,5 Target cells  
 > 13 30 Howell-Jolly bodies  
 3 6,8 Pappenheimer bodies  
 1 2,3 RBC agglutination  
 1 2,3 Rouleaux formation

**(842) Platelets - morphology**

All results  
 CVE >>> 38 86 Anisocytosis  
 CVE >>> 29 66 Platelets hypo-/agranulation  
 CVE >>> 43 98 Large platelets  
 1 2,3 Small platelets

**(835) Overall assessment**

44

44 37 84

Maximum score achievable: 50 points

Criterion (60 % out of the maximum): 30 points

Minimum score achieved: 13 points (26 %)

Maximum score achieved: 50 points (100 %)

All results  
 >>> 7 16 Unacceptable result  
 >>> 37 84 Correct result

Setup: all data

Sample Test Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
<b>Photo 2</b>							
<b>(821) Object no. 1: type of cell</b>							
All results	CVE >>>	28	64	Blast			
		1	2,3	Monocyte			
		7	16	Lymphocyte			
		8	18	Plasma cell			
<b>(822) Object no. 1: morphology</b>							
All results	>	19	43	Not specified			
	>	5	11	No changes			
		4	9,1	Lymphocytes - atypical forms			
		1	2,3	Atypical/reactive monocytes			
		3	6,8	"Hairy" lymphocytes			
	>	12	27	Vacuolisation			
<b>(823) Object no. 2: type of cell</b>							
All results	CVE >>>	29	66	Blast			
		6	14	Lymphocyte			
		9	20	Plasma cell			
<b>(824) Object no. 2: morphology</b>							
All results	>	26	59	Not specified			
	>	10	23	No changes			
		5	11	Lymphocytes - atypical forms			
		1	2,3	Atypical/reactive monocytes			
		2	4,5	"Hairy" lymphocytes			
<b>(825) Object no. 3: type of cell</b>							
All results	CVE >>>	17	39	Blast			
		3	6,8	Monocyte			
		7	16	Lymphocyte			
		9	20	Plasma cell			
	>	8	18	Promonocyte			
<b>(826) Object no. 3: morphology</b>							
All results	>	10	23	Not specified			
	>	1	2,3	No changes			
		5	11	Lymphocytes - atypical forms			
	>	5	11	Atypical/reactive monocytes			
		3	6,8	"Hairy" lymphocytes			
	>	22	50	Vacuolisation			
<b>(827) Object no. 4: type of cell</b>							
All results	CVE >>>	13	30	Blast			
		1	2,3	Promyelocyte			
		3	6,8	Monocyte			
		12	27	Lymphocyte			
		10	23	Plasma cell			
		5	11	Promonocyte			
<b>(828) Object no. 4: morphology</b>							
All results	>	17	39	Not specified			
	>	5	11	No changes			
		1	2,3	Hypogranulation/agranulation			
		1	2,3	Nucleus fragments of neutrophiles			
		12	27	Lymphocytes - atypical forms			
		5	11	Atypical/reactive monocytes			
		2	4,5	"Hairy" lymphocytes			
		2	4,5	Nucleocytoplasmatic asynchrony			
<b>(841) RBC - morphology</b>							
All results		1	2,3	No changes			
		4	9,1	Anisocytosis			
	>	6	14	Microcytosis			
		1	2,3	Normocytosis			
		3	6,8	Anisochromia			
	>	14	32	Hypochromia			
		1	2,3	Polychromasia			
		4	9,1	Ovalocytes			
	>	6	14	Spherocytes			
		6	14	Stomatocytes			
		3	6,8	Howell-Jolly bodies			
		1	2,3	Pappenheimer bodies			
		2	4,5	RBC agglutination			
	CVE >>>	43	98	Rouleaux formation			

Setup: all data

Sample Test Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
(835) <b>Overall assessment</b>		44			44	18	41
Maximum score achievable: 25 points				Criterion (60 % out of the maximum): 15 points			
Minimum score achieved: -4 points (-16 %)							
Maximum score achieved: 25 points (100 %)							
All results		26	59	Unacceptable result			
	>>>	18	41	Correct result			

### Photo 3

(821) <b>Object no. 1: type of cell</b>							
All results		1	2,3	Monocyte			
	CVE >>>	43	98	Lymphocyte			
(822) <b>Object no. 1: morphology</b>							
All results		1	2,3	No changes			
	>	1	2,3	Lymphocytes - atypical forms			
		1	2,3	LGL/big lymphocytes			
	>	41	93	Lymphocytes - reactive forms			
(823) <b>Object no. 2: type of cell</b>							
All results		1	2,3	Monocyte			
	CVE >>>	43	98	Lymphocyte			
(824) <b>Object no. 2: morphology</b>							
All results		1	2,3	No changes			
	CVE >>>	7	16	LGL/big lymphocytes			
	CVE >>>	38	86	Lymphocytes - reactive forms			
(841) <b>RBC - morphology</b>							
All results	CVE >>>	28	64	Anisocytosis			
		3	6,8	Macrocytosis			
		2	4,5	Normocytosis			
		2	4,5	Anisochromia			
	>	9	20	Hypochromia			
	>	17	39	Echinocytes			
	CVE >>>	26	59	Ovalocytes			
		1	2,3	Knizocytes			
		1	2,3	Spherocytes			
		2	4,5	Schistocytes (and other fragmentocytes)			
	CVE >>>	43	98	Stomatocytes			
	CVE >>>	16	36	Target cells			
		1	2,3	Basophilic stippling			
(842) <b>Platelets - morphology</b>							
All results	>	15	34	No changes			
	>	27	61	Anisocytosis			
		6	14	Platelets hypo-/agranulation			
		1	2,3	Large platelets			
(835) <b>Overall assessment</b>		44			44	35	80
Maximum score achievable: 40 points				Criterion (60 % out of the maximum): 24 points			
Minimum score achieved: 5 points (12,5 %)							
Maximum score achieved: 39 points (97,5 %)							
All results		9	20	Unacceptable result			
	>>>	35	80	Correct result			

### Photo 4

(821) <b>Object no. 1: type of cell</b>							
All results	CVE >>>	40	91	Promyelocyte			
		1	2,3	Eosinophil - immature form			
		2	4,5	Basophiles			
		1	2,3	Plasma cell			
(822) <b>Object no. 1: morphology</b>							
All results		3	6,8	No changes			
		1	2,3	Hyposegmentation or pseudo Pelger anomaly			
		1	2,3	Hypergranulation/toxic granulation			
		1	2,3	Nucleocytoplasmic asynchrony			
	CVE >>>	39	89	Leukemic promyelocyte			
(841) <b>RBC - morphology</b>							
All results	CVE >>>	37	84	Anisocytosis			
		1	2,3	Poikilocytosis			
	>	9	20	Anisochromia			

Setup: all data

Sample Test Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
		3	6,8	Hypochromia			
		16	36	Dacryocytes			
		4	9,1	Echinocytes			
	CVE >>>	43	98	Ovalocytes			
		4	9,1	Spherocytes			
	>	26	59	Schistocytes (and other fragmentocytes)			
		4	9,1	Stomatocytes			
	>	23	52	Howell-Jolly bodies			
		9	20	Pappenheimer bodies			
		1	2,3	Rouleaux formation			
<b>(842) Platelets - morphology</b>							
All results	>	26	59	No changes			
	>	12	27	Anisocytosis			
	>	7	16	Platelets hypo-/agranulation			
		4	9,1	Small platelets			
<b>(835) Overall assessment</b>		44			44	39	89
Maximum score achievable: 20 points		Criterion (60 % out of the maximum): 12 points					
Minimum score achieved: 2 points (10 %)							
Maximum score achieved: 20 points (100 %)							
All results		5	11	Unacceptable result			
	>>>	39	89	Correct result			

Summary for all samples							
<b>(835) Overall assessment</b>		44			44	35	80