

RoM = robust average	AV = assigned value	D <sub>max</sub> = acceptable difference
SD = standard deviation	CVE = consensus of the experts	LL = lower limit
CV = coefficient of variation	U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N <sub>tot</sub> = total number of the results		N <sub>eva</sub> = number of the results assessed
N <sub>out</sub> = number of the results removed before calculation		N <sub>suc</sub> = number of successful results
SD, CV, U <sub>av</sub> , D <sub>max</sub> we do not report for tests with binomial distribution		S <sub>rel</sub> = relative success

Sample Test Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability			N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
							AV	U <sub>AV</sub>	D <sub>max</sub>			

**Sample A**

(901) <b>WBC - differential count: Blasts</b>	[-]										15	9	60
All results		0,289			15	0	CVE 0,285		0,224	0,353	15		
(902) <b>WBC - differential count: Promyelocytes</b>	[-]										15	5	33
All results		0,029			15	0	CVE 0,016		0,003	0,043	15		
(903) <b>WBC - differential count: Neutrophil myelocytes</b>	[-]										15	6	40
All results		0,037			15	0	CVE 0,035		0,014	0,071	15		
(904) <b>WBC - differential count: Neutrophil metamyelocytes</b>	[-]										15	8	53
All results		0,012			15	0	CVE 0,02		0,005	0,05	15		
(905) <b>WBC - differential count: Neutrophil bars</b>	[-]										15	12	80
All results		0,037			15	0	CVE 0,028		0,011	0,064	15		
(906) <b>WBC - differential count: Segmented neutrophil granulocytes</b>	[-]										15	12	80
All results		0,167			15	0	CVE 0,185		0,134	0,246	15		
(907) <b>WBC - differential count: Eosinophil granulocytes - immature forms</b>	[-]										15	14	93
All results		0			15	0	CVE 0		0	0,018	15		
(908) <b>WBC - differential count: Eosinophil segmented granulocytes</b>	[-]										15	14	93
All results		0,006			15	0	CVE 0,005		0	0,028	15		
(909) <b>WBC - differential count: Basophilic granulocytes</b>	[-]										15	15	100
All results		0			15	0	CVE 0,007		0	0,028	15		
(910) <b>WBC - differential count: Monocytes</b>	[-]										15	6	40
All results		0,173			15	0	CVE 0,222		0,165	0,284	15		
(911) <b>WBC - differential count: Lymphocytes</b>	[-]										15	7	47
All results		0,227			15	0	CVE 0,199		0,147	0,262	15		
(912) <b>WBC - differential count: Plasma cells</b>	[-]										15	15	100
All results		0			15	0	CVE 0		0	0,018	15		
(940) <b>Erythroblasts</b>	[in 100 differ. cells]										15	14	93
All results		1,96			15	0	CVE 2		1	5	15		

**Sample B**

(901) <b>WBC - differential count: Blasts</b>	[-]										15	13	87
All results		0,029			15	0	CVE 0,023		0,008	0,057	15		
(902) <b>WBC - differential count: Promyelocytes</b>	[-]										15	14	93
All results		0,01			15	0	CVE 0,005		0	0,028	15		
(903) <b>WBC - differential count: Neutrophil myelocytes</b>	[-]										15	10	67
All results		0,077			15	0	CVE 0,068		0,039	0,115	15		
(904) <b>WBC - differential count: Neutrophil metamyelocytes</b>	[-]										15	10	67
All results		0,083			15	0	CVE 0,066		0,035	0,109	15		
(905) <b>WBC - differential count: Neutrophil bars</b>	[-]										15	10	67
All results		0,123			15	0	CVE 0,118		0,078	0,173	15		
(906) <b>WBC - differential count: Segmented neutrophil granulocytes</b>	[-]										15	11	73
All results		0,459			15	0	CVE 0,505		0,434	0,576	15		
(907) <b>WBC - differential count: Eosinophil granulocytes - immature forms</b>	[-]										15	15	100
All results		0			15	0	CVE 0		0	0,018	15		
(908) <b>WBC - differential count: Eosinophil segmented granulocytes</b>	[-]										15	15	100
All results		0,002			15	0	CVE 0,003		0	0,028	15		

## EQA round: DIF2/26 - Peripheral Blood Morphology Evaluation

Deadline: 22.5.2026

Setup: Slovakia

Sample Test Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL			
(909) <b>WBC - differential count: Basophilic granulocytes</b>	[-]											15	13	87
All results		0,022			15	0	CVE	0,024		0,008	0,057	15		
(910) <b>WBC - differential count: Monocytes</b>	[-]											15	13	87
All results		0,078			15	0	CVE	0,068		0,039	0,115	15		
(911) <b>WBC - differential count: Lymphocytes</b>	[-]											15	10	67
All results		0,122			15	0	CVE	0,113		0,074	0,168	15		
(912) <b>WBC - differential count: Plasma cells</b>	[-]											15	15	100
All results		0			15	0	CVE	0,001		0	0,018	15		
(940) <b>Erythroblasts</b>	[in 100 differ. cells]											15	14	93
All results		8,68			15	0	CVE	9		5	14	15		