

Setup: Slovakia

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

Sample Test Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability			N _{eva}	N _{suc}	S _{rel} [%]
							AV	U _{AV}	D _{max}			
Sample A												
(901) WBC - differential count:	[-]									20	7	35
Blasts												
All results		0,035			20	0	CVE	0		0	0,018	20
(902) WBC - differential count:	[-]									20	20	100
Promyelocytes												
All results		0			20	0	CVE	0		0	0,018	20
(903) WBC - differential count:	[-]									20	20	100
Neutrophil myelocytes												
All results		0			20	0	CVE	0		0	0,018	20
(904) WBC - differential count:	[-]									20	20	100
Neutrophil metamyelocytes												
All results		0			20	0	CVE	0		0	0,018	20
(905) WBC - differential count:	[-]									20	20	100
Neutrophil bars												
All results		0			20	0	CVE	0		0	0,018	20
(906) WBC - differential count:	[-]									20	18	90
Segmented neutrophil granulocytes												
All results		0,039			20	0	CVE	0,026		0,008	0,057	20
(907) WBC - differential count:	[-]									20	20	100
Eosinophil granulocytes - immature forms												
All results		0			20	0	CVE	0		0	0,018	20
(908) WBC - differential count:	[-]									20	20	100
Eosinophil segmented granulocytes												
All results		0,006			20	0	CVE	0,005		0	0,028	20
(909) WBC - differential count:	[-]									20	20	100
Basophilic granulocytes												
All results		0			20	0	CVE	0		0	0,018	20
(910) WBC - differential count:	[-]									20	20	100
Monocytes												
All results		0,008			20	0	CVE	0,006		0	0,028	20
(911) WBC - differential count:	[-]									20	6	30
Lymphocytes												
All results		0,908			20	0	CVE	0,964		0,923	0,983	20
(912) WBC - differential count:	[-]									20	20	100
Plasma cells												
All results		0			20	0	CVE	0		0	0,018	20
(940) Erythroblasts	[in 100 differ. cells]									20	20	100
All results		0			20	0	CVE	0		0	2	20
Sample B												
(901) WBC - differential count:	[-]									20	8	40
Blasts												
All results		0,597			20	0	CVE	0,61		0,539	0,678	20
(902) WBC - differential count:	[-]									20	15	75
Promyelocytes												
All results		0,003			20	0	CVE	0,002		0	0,018	20
(903) WBC - differential count:	[-]									20	18	90
Neutrophil myelocytes												
All results		0,006			20	0	CVE	0,006		0	0,028	20
(904) WBC - differential count:	[-]									20	20	100
Neutrophil metamyelocytes												
All results		0,002			20	0	CVE	0,007		0	0,028	20
(905) WBC - differential count:	[-]									20	14	70
Neutrophil bars												
All results		0,011			20	0	CVE	0,015		0,003	0,043	20
(906) WBC - differential count:	[-]									20	17	85
Segmented neutrophil granulocytes												
All results		0,061			20	0	CVE	0,063		0,031	0,102	20

EQA round: DIF1/23 - Peripheral Blood Morphology Evaluation

Deadline: 17.3.2023

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Sample Test Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]
							AV	U _{AV}	D _{max}	LL	UL			
(907) WBC - differential count: Eosinophil granulocytes - immature forms	[-]											20	19	95
All results		0			20	0	CVE	0		0	0,018	20		
(908) WBC - differential count: Eosinophil segmented granulocytes	[-]											20	18	90
All results		0,01			20	0	CVE	0,008		0	0,028	20		
(909) WBC - differential count: Basophilic granulocytes	[-]											20	20	100
All results		0,001			20	0	CVE	0,003		0	0,018	20		
(910) WBC - differential count: Monocytes	[-]											20	10	50
All results		0,007			20	0	CVE	0,021		0,005	0,05	20		
(911) WBC - differential count: Lymphocytes	[-]											20	14	70
All results		0,264			20	0	CVE	0,265		0,205	0,332	20		
(912) WBC - differential count: Plasma cells	[-]											20	20	100
All results		0			20	0	CVE	0		0	0,018	20		
(940) Erythroblasts	[in 100 differ. cells]											20	19	95
All results		0,614			20	0	CVE	1		0	4	20		