Summary statistics - quantitative results

EQA round: DIF2/23 - Peripheral Blood Morphology Evaluation

Deadline: 26.5.2023

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}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
Sample A														
(901) **WBC - differential count: Blasts** [-]												18	12	67
All results	0,034			18	0	CVE	0,013			0,003	0,043	18		
(902) **WBC - differential count: Promyelocytes** [-]												18	10	56
All results	0,038			18	0	CVE	0,013			0,003	0,043	18		
(903) **WBC - differential count: Neutrophil myelocytes** [-]												18	13	72
All results	0,145			18	1	CVE	0,14			0,095	0,196	18		
(904) **WBC - differential count: Neutrophil metamyelocytes** [-]												18	14	78
All results	0,101			18	1	CVE	0,111			0,07	0,162	18		
(905) **WBC - differential count: Neutrophil bars** [-]												18	12	67
All results	0,154			18	1	CVE	0,163			0,116	0,224	18		
(906) **WBC - differential count: Segmented neutrophil granulocytes** [-]												18	8	44
All results	0,376			18	1	CVE	0,415			0,346	0,487	18		
(907) **WBC - differential count: Eosinophil granulocytes - immature forms** [-]												18	17	94
All results	0,005			18	1	CVE	0,005			0	0,028	18		
(908) **WBC - differential count: Eosinophil segmented granulocytes** [-]												18	15	83
All results	0,024			18	1	CVE	0,018			0,005	0,05	18		
(909) **WBC - differential count: Basophilic granulocytes** [-]												18	16	89
All results	0,06			18	1	CVE	0,058			0,031	0,102	18		
(910) **WBC - differential count: Monocytes** [-]												18	16	89
All results	0,02			18	1	CVE	0,018			0,005	0,05	18		
(911) **WBC - differential count: Lymphocytes** [-]												18	13	72
All results	0,038			18	1	CVE	0,036			0,014	0,071	18		
(912) **WBC - differential count: Plasma cells** [-]												18	18	100
All results	0			18	0	CVE	0			0	0,018	18		
(940) **Erythroblasts** [in 100 differ. cells]												18	18	100
All results	0,929			18	0	CVE	1			0	4	18		
Sample B														
(901) **WBC - differential count: Blasts** [-]												18	14	78
All results	0,008			18	0	CVE	0			0	0,018	18		
(902) **WBC - differential count: Promyelocytes** [-]												18	18	100
All results	0			18	0	CVE	0			0	0,018	18		
(903) **WBC - differential count: Neutrophil myelocytes** [-]												18	18	100
All results	0,005			18	0	CVE	0,007			0	0,028	18		
(904) **WBC - differential count: Neutrophil metamyelocytes** [-]												18	7	39
All results	0,005			18	0	CVE	0,008			0,001	0,036	18		
(905) **WBC - differential count: Neutrophil bars** [-]												18	15	83
All results	0,015			18	1	CVE	0,022			0,005	0,05	18		
(906) **WBC - differential count: Segmented neutrophil granulocytes** [-]												18	14	78
All results	0,102			18	1	CVE	0,111			0,07	0,162	18		
(907) **WBC - differential count: Eosinophil granulocytes - immature forms** [-]												18	18	100
All results	0			18	0	CVE	0			0	0,018	18		
(908) **WBC - differential count: Eosinophil segmented granulocytes** [-]												18	18	100
All results	0,004			18	0	CVE	0,003			0	0,028	18		

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(909) WBC - differential count: Basophilic granulocytes	[-]												18	17	94
All results		0,001			18	0	CVE	0,002			0	0,018	18		
(910) WBC - differential count: Monocytes	[-]												18	14	78
All results		0,014			18	1	CVE	0,018			0,005	0,05	18		
(911) WBC - differential count: Lymphocytes	[-]												18	10	56
All results		0,813			18	1	CVE	0,83			0,771	0,879	18		
(912) WBC - differential count: Plasma cells	[-]												18	18	100
All results		0			18	0	CVE	0			0	0,018	18		
(940) Erythroblasts	[in 100 differ. cells]												18	16	89
All results		6,19			18	0	CVE	6			3	10	18		

Sample Test Group	[unit]	RoM	SD	CV [%]	N_{tot}	N_{out}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]