Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: Slovakia, minimal size of the groups n = 5

EQA round: AT1/20 - Autoantibodies in Thyroid Diseases

Deadline: 04.05.2020

RoM = robust average	AV = assigned value	Dmax = acceptable percent difference
SD = standard deviation	CRV = certified reference value	LL = lower limit
CV = coefficient of variation	RV = reference value	UL = upper limit
Ntot = total number of participants	CVE = consensus value from experts	Neva = number of evaluated participants
Nout = number of results excluded before calculation	CVP = consensus value from all participants	Nsuc = number of successful participants
	CVPG = consensus value from participants groups	Srel = success (relative)
	U_{AV} = expanded uncertainty of the assigned value (k = 2)	

Test [unit]	RoM	SD	CV [%]	N_{tot}	N_{out}	Comparability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel}
Set 1														
(575) Anti-thyreoglobulin [kU/L]				20								18	15	83%
Samples and groups														
Sample A1	2060	1900	94	20								18	17	94%
(1) Abbott	601	46	7,6	6	0	CVPG	640	24	33%	428	852	6		
(60) Roche	4000	0,000	0,00	8	0	CVPG	4000		33%	2680	5320	8		
Other				6	1	2x 12, 1x 29, 1x 135, 1x 179, 1x 998						4		
Sample B1	9,91	8,2	82	20								18	16	89%
(1) Abbott	3,36	1,1	33	6	0	CVPG	3,41	0,19	33%	2,28	4,54	6		
(60) Roche	14,4	2,4	17	8	0	CVPG	13,9	1,0	33%	9,31	18,5	8		
Other				6	1	2x 12, 1x 29, 1x 135, 1x 179, 1x 998						4		
(576) Anti-microsomes (TPO) [kU/L]				20								18	15	83%
Samples and groups														
Sample A1	376	99	26	20								18	18	100%
(1) Abbott	444	15	3,3	6	0	CVPG	435	8,8	33%	291	579	6		
(60) Roche	315	61	19	8	0	CVPG	289	7,6	33%	193	385	8		
Other				6	1	2x 12, 1x 29, 1x 87, 1x 135, 1x 179						4		
Sample B1	11,9	13	110	20								18	15	83%
(1) Abbott	0,980	0,15	15	6	0	CVPG	1,24	0,11	33%	0,83	1,65	6		
(60) Roche	23,2	13	57	8	0	CVPG	17,3	1,6	33%	11,5	23,1	8		
Other				6	1	2x 12, 1x 29, 1x 87, 1x 135, 1x 179						4		
Set 2														
(590) Anti-TSH receptor [U/L]				9								9	7	78%
Samples and groups														
Sample A2	3,66	0,72	20	9		CVP	3,52	0,12	33%	2,35	4,69	9	7	78%
(60) Roche	3,59	0,82	23	7	0							7		
Other				2	0	1x 24, 1x 29						2		
Sample B2	3,66	0,68	19	9		CVP	3,52	0,13	33%	2,35	4,69	9	7	78%
(60) Roche	3,58	0,81	23	7	0							7		
Other				2	0	1x 24, 1x 29						2		