

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

## EQA round: TIE2/21 - Allergy Control Scheme (Total IgE)

Deadline: 24.09.2021

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 the 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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability												
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(280) Total IgE</b>					158						158	153	97%	
--- Samples and groups ---	[kU/L]													
<b>Sample A</b>		3,82	2,3	61	158	CVP	3,82	0,46	asym.	1	30	158	155	98%
(1) Abbott		13,9	9,5	68	24	2						24		
(29) Siemens (Immulite)		2,16	0,32	15	27	0						27		
(58) Beckman Coulter (AU)		13,3	1,9	14	5	0						5		
(60) Roche		2,56	0,20	7,7	37	0						37		
(149) Siemens (Dade, BN, Dimension)		8,45	7,7	91	10	0						10		
(162) Siemens (Atellica)		3,85	0,66	17	6	0						6		
(166) Thermo Fisher		2,38	0,34	14	10	0						10		
(179) Siemens		3,11	1,6	51	13	0						13		
(999) another manufacturer		4,90	3,1	64	6	0						6		
Other					20	1						20		
-----							1x 5, 2x 12, 2x 15, 4x 25, 1x 36, 2x 75, 1x 85, 3x 91, 4x 178							
<b>Sample B</b>		385	38	9,9	158	CVP	385	7,4	25%	288	482	158	156	99%
(1) Abbott		349	20	5,6	24	0						24		
(29) Siemens (Immulite)		385	49	13	27	0						27		
(58) Beckman Coulter (AU)		385	14	3,7	5	0						5		
(60) Roche		405	21	5,2	37	0						37		
(149) Siemens (Dade, BN, Dimension)		400	14	3,6	10	0						10		
(162) Siemens (Atellica)		423	26	6,1	6	0						6		
(166) Thermo Fisher		364	36	9,8	10	0						10		
(179) Siemens		412	17	4,0	13	0						13		
(999) another manufacturer		376	24	6,4	6	0						6		
Other					20	0						20		
							1x 5, 2x 12, 2x 15, 4x 25, 1x 36, 2x 75, 1x 85, 3x 91, 4x 178							

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End of report

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