

EQA round: FOB2/23 - Faecal Occult Blood

Deadline: 1.12.2023

Setup: groups - R (manufacturer of kit); minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVPG = consensus of the participants' groups	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
		S _{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(107) Haemoglobin	[µg/g]				213							194	155	80	
Sample A		28,6	16	56	213							0			
(57) Aidian (Orion)		16,7	4,6	27	73	1	CVPG	16,7	1,3	25%	12,5	20,9	0		
(116) Sentinel Diagnostics		35,1	5,3	15	51	0	CVPG	35,1	1,8	25%	26,3	43,9	0		
(124) SD BIOSENSOR		76,8	26	34	11	0	CVPG	76,8	19	25%	57,6	96	0		
(200) BodiTech		48,2	4,3	9	32	1	CVPG	48,2	1,9	25%	36,1	60,3	0		
(208) Eiken		16,5	3,3	20	27	0	CVPG	16,5	1,6	25%	12,3	20,7	0		
(999) another manufacturer		25	17	67	7	3	CVPG	25	17	25%	18,7	31,3	0		
Other					12	0							0		
								2x 60, 2x 64, 1x 148, 3x 208/60, 4x 5/116							
Sample B		75	45	60	213							194	155	80	
(57) Aidian (Orion)		46,8	10	22	73	2	CVPG	46,8	3	25%	35,1	58,5	73		
(116) Sentinel Diagnostics		88,9	16	18	51	0	CVPG	88,9	5,5	25%	66,6	112	51		
(124) SD BIOSENSOR		135	23	17	11	0	CVPG	135	17	25%	101	169	11		
(200) BodiTech		189	21	11	32	2	CVPG	189	9,5	25%	141	237	32		
(208) Eiken		41,1	3,4	8,3	27	0	CVPG	41,1	1,6	25%	30,8	51,4	27		
(999) another manufacturer		36	22	62	7	1	CVPG	36	31	25%	27	45	0		
Other					12	0							0		
								2x 60, 2x 64, 1x 148, 3x 208/60, 4x 5/116							