

EQA round: FOB1/24 - Faecal Occult Blood

Deadline: 3.5.2024

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]				200							186	149	80
Sample A		49,9	23	45	200							186	152	82
(57) Aidian (Orion)		38	8,2	21	74	1	CVPG 38	2,3	25%	28,5	47,5	74		
(116) Sentinel Diagnostics		66,5	5,1	7,7	49	1	CVPG 66,5	1,8	25%	49,8	83,2	49		
(124) SD BIOSENSOR		68	4,2	6,2	9	0	CVPG 68	5,2	25%	51	85	9		
(200) BodiTech		72,8	26	36	21	0	CVPG 72,8	14	25%	54,6	91	21		
(208) Eiken		30,4	1,8	6,1	28	0	CVPG 30,4	0,85	25%	22,8	38	28		
(999) another manufacturer		25	12	47	8	5	CVPG 25	13	25%	18,7	31,3	0		
(5) FOB Gold Calibrator Wide; (116) Sentinel Diagnostics		23,2	2,7	12	5	0	CVPG 23,2	7,5	25%	17,4	29	5		
Other					6	0						0		
							3x 60, 2x 64, 1x 148							
Sample B		135	51	37	200							186	164	88
(57) Aidian (Orion)		119	14	12	74	2	CVPG 119	4,1	25%	89,2	149	74		
(116) Sentinel Diagnostics		180	20	11	49	1	CVPG 180	7,1	25%	135	225	49		
(124) SD BIOSENSOR		144	15	10	9	0	CVPG 144	18	25%	108	180	9		
(200) BodiTech		184	36	20	21	0	CVPG 184	19	25%	138	230	21		
(208) Eiken		91,6	4,8	5,2	28	0	CVPG 91,6	2,2	25%	68,7	115	28		
(999) another manufacturer		35,9	28	79	8	1	CVPG 35,9	27	25%	26,9	44,9	0		
(5) FOB Gold Calibrator Wide; (116) Sentinel Diagnostics		65,8	2,6	3,9	5	0	CVPG 65,8	7,3	25%	49,3	82,3	5		
Other					6	0						0		
							3x 60, 2x 64, 1x 148							