

EQA round: LMWH1/25 - Low Molecular Weight Heparin

Deadline: 28.3.2025

Setup: groups - P (manufacturer of instrument); minimal size of the groups n = 5

RoM = robust average

AV = assigned value

D_{max} = acceptable difference

SD = standard deviation

CVP = consensus of all participants

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 resultsN_{eva} = number of the results assessedN_{out} = number of the results removed before calculationN_{suc} = number of successful resultsS_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
(103) Low Molecular Weight Heparin	[IU/mL]				146							146	142	97	
Sample A		0,708	0,048	6,8	146		CVP	0,708	0,01	25%	0,531	0,885	146	144	99
(38) Werfen (IL)		0,698	0,046	6,7	35	0							35		
(63) Sysmex		0,719	0,043	6	83	0							83		
(94) Stago		0,676	0,047	7	18	1							18		
(149) Siemens (Dade, BN, Dimension)		0,705	0,096	14	6	0							6		
Other					4	0							4		
							1x 12, 1x 162, 2x 179								
Sample B		0,48	0,042	8,7	146		CVP	0,48	0,009	25%	0,36	0,6	146	142	97
(38) Werfen (IL)		0,472	0,042	8,8	35	0							35		
(63) Sysmex		0,491	0,03	6	83	0							83		
(94) Stago		0,44	0,023	5,2	18	1							18		
(149) Siemens (Dade, BN, Dimension)		0,495	0,082	16	6	0							6		
Other					4	1							4		
							1x 12, 1x 162, 2x 179								