

EQA round: LMWH2/23 - Low Molecular Weight Heparin

Deadline: 15.9.2023

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N_{tot} = total number of the resultsN_{out} = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U_{AV} = expanded uncertainty of the assigned value (k = 2)D_{max} = acceptable difference

LL = lower limit

UL = upper limit

N_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{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 | | | | |
| (103) Low Molecular Weight Heparin | [IU/mL] | | | | 138 | | | | | | | 138 | 137 | 99 | |
| Sample A | | 1,38 | 0,14 | 10 | 138 | | CVP | 1,38 | 0,03 | 25% | 1,03 | 1,73 | 138 | 138 | 100 |
| (38) IL | | 1,21 | 0,047 | 3,9 | 33 | 0 | | | | | | | 33 | | |
| (94) Stago | | 1,25 | 0,077 | 6,1 | 15 | 0 | | | | | | | 15 | | |
| (149) Siemens (Dade, BN, Dimension) | | 1,45 | 0,05 | 3,5 | 67 | 0 | | | | | | | 67 | | |
| (193) HYPHEN BioMed | | 1,49 | 0,068 | 4,5 | 17 | 0 | | | | | | | 17 | | |
| Other | | | | | 6 | 0 | | | | | | | 6 | | |
| | | | | | | | 1x 12, 1x 63, 4x 179 | | | | | | | | |
| Sample B | | 0,763 | 0,097 | 13 | 138 | | CVP | 0,763 | 0,02 | 25% | 0,572 | 0,954 | 138 | 137 | 99 |
| (38) IL | | 0,676 | 0,039 | 5,7 | 33 | 0 | | | | | | | 33 | | |
| (94) Stago | | 0,636 | 0,029 | 4,6 | 15 | 0 | | | | | | | 15 | | |
| (149) Siemens (Dade, BN, Dimension) | | 0,802 | 0,041 | 5,1 | 67 | 0 | | | | | | | 67 | | |
| (193) HYPHEN BioMed | | 0,873 | 0,045 | 5,1 | 17 | 0 | | | | | | | 17 | | |
| Other | | | | | 6 | 0 | | | | | | | 6 | | |
| | | | | | | | 1x 12, 1x 63, 4x 179 | | | | | | | | |