

EQA round: MS1/25 - Urinary Sediment Morphology

Deadline: 14.2.2025

Setup: all data

AV = assigned value

CVE = consensus of the experts

>>> ... expected result

> ... acceptable result

± ... result not assessed

N_{tot} = total number of the resultsN_{rel} = relative number of the resultsN_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

| Test Sample Group | Frequency of the results | | | | Success | | |
|--|--------------------------|------------------|-------------------------|---|------------------|------------------|-------------------------|
| | AV | N _{tot} | N _{rel} [%] | Result | N _{eva} | N _{suc} | S _{rel} [%] |
| (400) Urinary Sediment Morphology | | 261 | | | 261 | 249 | 95 |
| Photo 1 | | 261 | | | 261 | 220 | 84 |
| All results | | 14 | 5,4 | Squamous epithelial cell | | | |
| | > | 69 | 26 | Small epithelial cell (other than squamous epithelial cell) | | | |
| | CVE >>> | 151 | 58 | Transitional epithelial cell | | | |
| | | 12 | 4,6 | Renal tubular epithelial cell | | | |
| | | 15 | 5,7 | Atypical epithelial cell, not further defined | | | |
| Photo 2 | | 261 | | | 261 | 239 | 92 |
| All results | CVE >>> | 239 | 92 | Hyaline cast | | | |
| | | 10 | 3,8 | Cast (other than hyaline) | | | |
| | | 3 | 1,1 | Renal tubular cell cast | | | |
| | | 2 | 0,8 | Granulocyte cast | | | |
| | | 1 | 0,4 | Bacterial cast | | | |
| | | 2 | 0,8 | Granular cast | | | |
| | | 4 | 1,5 | Slime | | | |
| Photo 3 | | 261 | | | 261 | 252 | 97 |
| All results | CVE >>> | 252 | 97 | Erythrocyte | | | |
| | | 8 | 3,1 | Dysmorphic erythrocyte | | | |
| | | 1 | 0,4 | Leukocyte | | | |
| Photo 4 | | 261 | | | 261 | 245 | 94 |
| All results | | 16 | 6,1 | Yeast (candida) | | | |
| | CVE >>> | 245 | 94 | Artefact | | | |