

## EQA round: MS3/23 - Urinary Sediment Morphology

Deadline: 1.12.2023

Setup: Slovakia

AV = assigned value

CVE = consensus of the experts

&gt;&gt;&gt; ... expected result

&gt; ... acceptable result

± ... result not assessed

N<sub>tot</sub> = total number of the resultsN<sub>rel</sub> = relative number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	Frequency of the results				Success		
	AV	N <sub>tot</sub>	N <sub>rel</sub> [%]	Result	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
<b>(400) Urinary Sediment Morphology</b>		30			30	19	63
<b>Photo 1</b>		30			30	16	53
All results	CVE >>>	15	50	Erythrocyte			
	>	1	3,3	Dysmorphic erythrocyte			
		1	3,3	Yeast (candida)			
		9	30	The lipid / fat drop or cluster of drops			
		1	3,3	Crystal - monoammonium urate			
		2	6,7	Artefact			
		1	3,3	Unknown / non-identifiable			
<b>Photo 2</b>		30			30	13	43
All results		7	23	Leukocyte			
		3	10	Granulocyte			
		4	13	Macrophage			
	>	7	23	Small epithelial cell (other than squamous epithelial cell)			
		3	10	Transitional epithelial cell			
	CVE >>>	5	17	Renal tubular epithelial cell			
	>	1	3,3	Atypical epithelial cell, not further defined			
<b>Photo 3</b>		30			30	29	97
All results	>	4	13	Crystal (not further defined)			
		1	3,3	Crystal - uric acid			
	CVE >>>	25	83	Crystal - tripplephoshate (struvite)			
<b>Photo 4</b>		30			30	22	73
All results	CVE >>>	22	73	Squamous epithelial cell			
		2	6,7	Small epithelial cell (other than squamous epithelial cell)			
		4	13	Transitional epithelial cell			
		2	6,7	Atypical epithelial cell, not further defined			