

## EQA round: MS2/24 - Urinary Sediment Morphology

Deadline: 3.5.2024

Setup: all data

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>		71			71	68	96
<b>Photo 1</b>		71			71	69	97
All results		1	1,4	Squamous epithelial cell			
	>	14	20	Small epithelial cell (other than squamous epithelial cell)			
	CVE >>>	51	72	Transitional epithelial cell			
		1	1,4	Renal tubular epithelial cell			
	>	4	5,6	Atypical epithelial cell, not further defined			
<b>Photo 2</b>		71			71	65	92
All results		>	19	27 Erythrocyte			
	CVE >>>	46	65	Dysmorphic erythrocyte			
		4	5,6	Yeast (candida)			
		2	2,8	The lipid / fat drop or cluster of drops			
<b>Photo 3</b>		71			71	61	86
All results		5	7	Hyaline cast			
	>	16	23	Cast (other than hyaline)			
		5	7	Granulocyte cast			
	CVE >>>	45	63	Granular cast			
<b>Photo 4</b>		71			71	71	100
All results	CVE >>>	71	100	Hyaline cast			