

U4 Urinary Sediment

	Picture 1	Picture 2	Picture 3	Picture 4	Picture 5
10 Erythrocytes	53	0	1	0	5
11 Dysmorphic Erythrocytes	1	0	0	0	0
12 Acanthocytes	0	0	0	0	0
20 Leucocytes	318*	1	3	0	1
30 Squamous Epithelia	0	372*	1	0	0
31 Epithelia (other than squamous-)	0	1	6*	0	0
32 Caudate Epithelia	0	0	0	0	0
33 Round Epithelia	3	0	332*	1	1
34 Transitional Epithelia	0	1	21*	0	2
35 Renal Tubular Epithelial Cells	0	0	8	1	3
36 Decoy Cells	0	0	0	1	1
40 Spermatozoa	0	0	0	0	0
50 Hyaline Casts	0	0	0	27	0
51 Granular Casts	0	0	0	1	0
52 Waxy Casts	0	0	0	53	1
53 Erythrocyte Casts	0	0	0	0	0
54 Leucocyte Casts	0	0	0	0	0
55 Epithelia Cast	0	0	0	0	0
56 Pseudocasts	0	0	0	17	1
60 Bacteria	0	0	0	0	0
61 Yeast/Fungi	0	0	0	0	0
62 Trichomonas	0	0	0	0	2
70 Crystals and Salts	0	0	0	47	2
80 Hair	0	0	1	22*	0
81 Mucus	0	0	0	0	0
82 Impurity	0	0	0	176*	180*
83 air bubble	0	0	0	1	54*
57 Lipids	1	0	0	0	55
99 Unknown	0	0	0	28	66*

* Target Value

Commentary

Cell 1 is a leukocyte. Erythrocytes are smaller and do not contain a nucleus. Cell 3 is a transitional epithelium, that is referred to as round epithelium or epithelium (different than plate epithelium), depending on the laboratory. Item 4 is an artifact, probably a fiber or a hair. For comparison you can see various cylinders at www.mqzh.ch in the photo album MQ 2015-2. Please also note the values of the test strip. Wax cylinders are not found in "protein negative" urine. Element 5 was an air bubble for which we introduced the new code 83.