

**U02: Urine teststrip/HCG**

31.03.2026 V1.0

**Aution, PocketChem**

Leucocytes Lc/µL	330* neg	36* 10-25	2 70-75	1 125-250	1 500			
Nitrite	4 neg	365* pos						
pH	5	1 5.5	2* 6	352* 6.5	14* 7	7.5	8	8.5
Protein g/L	3 neg	10* 0.15	351* 0.3	6* 1	3-5	1 10-20		
Glucose mmol/L	366* norm	3 2.8	1 5.6	14-17	28	55	111	
Ketone mmol/L	366* neg	4 0.5	1 1.5	4-5	8-10	15-16		
Urobilinogen µmol/L	366* norm	4 16	1 33-35	66-70	131-140	200		
Bilirubine	365* neg	3 +	++	+++				
Blood Ery / µl	10 neg	19* 5-10	253* 25	78* 50-80	8* 250			
Specific gravity	12* 1.000	26* 1.005	205* 1.010	60* 1.015	10 1.020	1.025	1.030	

**Commentary**

*The urine came from healthy donors, to which blood and protein were added.*

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**Combi Screen**

Leucocytes Lc/µL	65* neg	4* 25	1 75			500		
Nitrite	1 neg	69* pos						
pH	5	5.5	12* 6	53* 6.5	5* 7		8	
Protein mg/dl	2 neg	29* Spur	37* 30	100	1 500			
Glucose mmol/L	70* neg	2.8	5.6	14	28	56		
Ketone	67* neg	2 Spur	+	1 ++	+++			
Urobilinogen µmol/L	68* norm	35	70	140	200			
Bilirubine	66* neg	1 +	++	+++				
Blood Ery / µl	neg	3 5-10		58* 50	9* 300			
Specific gravity	1* 1.000	23* 1.005	43* 1.010	1.015	1.020	1.025	1.030	

**Commentary**

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**Combur Roche**

Leucocytes Lc/µL	498* neg	250* 25	11 75			500			
Nitrite	9 neg	758* pos							
pH	35 5	1 5.5	218* 6	119* 6.5	385* 7	1 7.5	4 8		8.5
Protein g/L	19 neg		615* 0.3	128* 1	5 5				
Glucose mmol/L	765* norm	5 2.8		1 17			55		
Ketone mmol/L	755* neg		5 1				15		
Urobilinogen µmol/L	713* norm	2 17							
Bilirubine	708* neg	5 +		1 +++					
Blood Ery / µl	11 neg	6* 10	94* 25	281* 50	371* 250				
Specific gravity	18* 1000	108* 1005	260* 1010	40* 1015	2 1020				

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**Combur Urilux/Urisys**

Leucocytes Lc/µL	973* neg	237* 25	16 100			500			
Nitrite	4 neg	1225* pos							
pH	2 5	6 5.5	46* 6	372* 6.5	798* 7	1 7.5	3 8		8.5
Protein g/L	12 neg		494* 0.25	683* 0.75	37* 1.5	5			
Glucose mmol/L	1223* norm	3 3	6	17		56			
Ketone mmol/L	1223* neg	1 0.5	1.5	5		15			
Urobilinogen µmol/L	1221* norm	3 17		70	140	200			
Bilirubine	1218* neg	4 +	++	1 +++					
Blood Ery / µl	8 neg	15* 10	42* 25	232* 50	932* 250				
Specific gravity	26* 1.000	557* 1.005	532* 1.010	59* 1.015	4 1.020		1 1.025		1.030

**Commentary**

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**LabStrip**

Leucocytes Leu/ $\mu$ l	1* neg	1* 25	75		500			
Nitrite	neg	2* pos						
pH	5	5.5	6	2* 6.5	7	7.5	8	8.5
Protein g/l	0.15	1* 0.3	1* 1	5				
Glucose mmol/l	1* 1.7	2.8	1 8	28	56			
Ketone mmol/L	2* neg	0.5	1.5	5		15		
Urobilinogen $\mu$ mol/L	2* neg	35	70	140	200			
Bilirubine	2* (+)	+	++	+++				
Blood Ery/ $\mu$ l	5-10		50	2* 300				
Specific gravity	1.000	1.005	1.010	2* 1.015	1.020	1.025	1.030	1.035

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**Medi-Test/Urixxon**

Leucocytes Lc/µL	7* neg	2* 10-25	70-75	125-250	500			
Nitrite	neg	9* pos						
pH	5	5.5	6	6* 6.5	3* 7	7.5	8	8.5
Protein g/L	neg	0.15	6* 0.3	3* 1	3-5	10-20		
Glucose mmol/L	9* neg	2.2	5.6	14-17	28	55	111	
Ketone mmol/L	9* neg	1.5	4-5	8-10	15-16			
Urobilinogen µmol/L	9* norm	16	33-35	66-70	131-140	200		
Bilirubine	9* neg	+	++	+++				
Blood Ery / µl	neg	5-10	25	4* 50-80	5* 250			
Specific gravity	1.000	6* 1.005	2* 1.010	1.015	1.020	1.025	1.030	

**Commentary**

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**Multistix Clinitek**

Leucocytes Lc/ $\mu$ L	100* neg	33* 15	4 70		125 500			
Nitrite	2 neg	135* pos						
pH	1 5	1 5.5	2* 6	43* 6.5	89* 7	7.5	8	8.5
Protein g/L	2 neg	2* Spur	22* 0.3	104* 1	8 3	20		
Glucose mmol/L	137* neg		5.5	14	28	55	111	
Ketone mmol/L	137* neg	0.5	1.5	4	8	16		
Urobilinogen $\mu$ mol/L	131* 3.2	1 16	33	66	131			
Bilirubine	131* neg	1 +	1 ++	+++				
Blood Ery / $\mu$ l		9* 10	53* 25	67* 80	7* 200			
Specific gravity	2* 1.000	5* 1.005	42* 1.010	62* 1.015	20 1.020	1 1.025	1.030	

**Commentary**

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Leucocytes Lc/μL	20* neg	4* 15	1 70		125	500			
Nitrite		25* pos							
pH	1 5		2* 6	10* 6.5	11* 7		7.5	8	8.5
Protein g/L		1* Spur	12* 0.3	12* 1		3	20		
Glucose mmol/L	25* neg								
			5.5	14	28	55	111		
Ketone mmol/L	24* neg								
		0.5	1.5	4	8	16			
Urobilinogen μmol/L	23* 3.2								
		16	33	66	131				
Bilirubine	24* neg								
		+	++	+++					
Blood Ery / μl	1 neg								
		10	25	80	200				
Specific gravity		3* 1.005	13* 1.010	6* 1.015			1.020	1.025	1.030

**Commentary**

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**Sysmex U**

Leucocytes Lc/ $\mu$ L	264* neg	23* 25	8 75			500			
Nitrite	5 neg	291* pos							
pH	7 5	20* 5.5	63* 6	202* 6.5	5* 7		7.5	8	8.5
Protein g/l	3 neg	21* 0.15	267* 0.3	5* 1.0		3.0	10.0		
Glucose mmol/L	291* neg		2.8	5.6	14	28		111	
Ketone mmol/L	293* neg			0.93	2.8	7.4			
Urobilinogen $\mu$ mol/L	296* norm			34	68	135	202		
Bilirubine	287* neg	2 +	2 ++	1 +++					
Blood Ery / $\mu$ l	6 neg	3* 10	11* 20	267* 50	2* 250				
Specific gravity	8* 1.000	98* 1.005	182* 1.010	4* 1.015		1.020	1 1.025	1.030	

**Commentary**

*The urine came from healthy donors, to which blood and protein were added.*