

HUMAN

Target Values

BioRad Liquicheck™ Urinalysis Control

[REF] 435 Bilevel 12×12ml (6 per level)
436 Level 1 12×12ml
437 Level 2 12×12ml
435X Bilevel MiniPak 2×12ml (1 per level)

[LOT] 98050

Level 1 98051

Level 2 98052

[IVD]

2026-11-30

Link for latest version of target value sheet:

<https://www.human.de/urinalysis/target-value-sheets>



	Parameter / Analyte	Level 1 – 98051	Level 2 – 98052
HUMAN COMBINA 115 TEST STRIP (VISUAL) (1) [REF] 23111	Bilirubin	Negative	2+ – 3+ (35 - 70 µmol/L; 2 - 4 mg/dL)
	Blood	Negative	ca. 50 – 300 Ery/µL (2+ - 3+)
	Glucose	Normal	500 – 1000 mg/dL (28 – 56 mmol/L)
	Ketones (2)	Negative	1+ – 2+ (2.5 - 10 mmol/L; 25 - 100mg/dL)
	Leukocytes (2)	Negative	25 – 500 Leuco/µL
	Nitrite	Negative	Positive
	pH	5 – 6	5 – 7
	Protein, Total (2)	Negative	100 – 500 mg/dL (1 – 5 g/L)
	Specific Gravity	1.010 - 1.020	1.005 – 1.015
	Urobilinogen	Normal	8 – 12 mg/dL (140 – 200 µmol/L)
	HUMAN COMBINA 13 TEST STRIP (VISUAL) (1) [REF] 22132	Bilirubin	Negative
Blood		Negative	ca. 80 – 200 Ery/µL (2+ – 3+)
Creatinine		50 – 200 mg/dL (4.4 – 17.7 mmol/L)	200 – 300 mg/dL (17.7 – 26.5 mmol/L)
Glucose		Negative	250 – 500 mg/dL (14 – 28 mmol/L)
Ketones (2)		Negative	39 - 78 mg/dL (3.9 – 7.8 mmol/L)
Leukocytes (2)		Negative	15 – 125 Leuco/µL
Microalbumin		10 mg/L	80 – 150 mg/L
Nitrite		Negative	Positive
pH		6.0 - 6.5	6.0 - 7.0
Protein, Total		Negative	300 – ≥ 2000 mg/dL (3.0 – ≥ 20.0 g/L)
Protein-to-Creatinine Ratio		n/a	n/a
Specific Gravity	1.010 – 1.020	1.010 – 1.020	
Urobilinogen	0.2 mg/dL (3.4 µmol/L)	2 – 8 mg/dL (34 – 135 µmol/L)	
HUMAN COMBINA 13 TEST STRIP / COMBILYZER 13 ANALYZER [REF] 22132	Bilirubin	Negative	51 – 103 µmol/L (2+ – 3+)
	Blood	Negative	ca. 80 – 200 Ery/µL (2+ – 3+)
	Creatinine	50 – 200 mg/dL (4.4 – 17.7 mmol/L)	200 – 300 mg/dL (17.7 – 26.5 mmol/L)
	Glucose	Negative	250 – 500 mg/dL (14 – 28 mmol/L)
	Ketones	Negative	15 – 78 mg/dL (1.5 – 7.8 mmol/L)
	Leukocytes	Negative	70 – 125 Leuco/µL
	Microalbumin	10 mg/L	80 – 150 mg/L
	Nitrite	Negative	Positive
	pH	5.0 – 6.0	5.5 - 6.5
	Protein, Total	Negative	100 – 300 mg/dL (1.0 – 3.0 g/L)
	Protein-to-Creatinine Ratio	normal <30 mg/g (<3.4 mg/mmol)	Abnormal; 30 – 300 mg/g (3.4 – 33.9 mg/mmol)
Specific Gravity	1.010 – 1.020	1.015 – 1.025	
Urobilinogen	0.2 mg/dL (3.4 µmol/L), normal	2 – 8 mg/dL (34 – 135 µmol/L)	

co-us

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DEUTSCH

(1) Bei einigen Analyten kann eine atypische Farbe beobachtet werden. Ergebnisse basieren auf Reaktionsstärken.

(2) Atypische Färbung beobachtet

ENGLISH

(1) Atypical color may be observed with some analytes. Results are based on reaction strengths.

(2) Atypical coloration observed

FRANÇAIS

(1) Une couleur atypique peut être observée pour certains analytes. Les résultats sont basés sur les intensités de réaction.

(2) Coloration atypique observée

ESPAÑOL

(1) Puede observarse un color atípico con algunos analitos. Los resultados se basan en las fuerzas de reacción.

(2) Color atípico observado