

# 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** 98040

Level 1 98041

Level 2 98042

**IVD**

2026-09-30

Link for latest version of target value sheet:

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



	Parameter / Analyte	Level 1 – 98041	Level 2 – 98042
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	1.005 - 1.015	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 - 7.0	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