

HUMAN

Target Values

BioRad Liquicheck™ Urinalysis Control

REF 435 Bilevel 12x12ml (6 per level)

436 Level 1 12x12ml

437 Level 2 12x12ml

435X Bilevel MiniPak 2x12ml (1 per level)

LOT 98020

Level 1 98021

Level 2 98022

IVD

2026-02-28

Link for latest version of target value sheet:


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



	Parameter / Analyte	Level 1 – 98021	Level 2 – 98022
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 - 17 µmol/L (Negativ - 1+)	51 – 103 µmol/L (2+ – 3+)
	Blood	Negative	ca. 80 – 200 Ery/µL (2+ – 3+)
	Creatinine	100 – 300 mg/dL (8.8 – 26.5 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	15 - 78 mg/dL (1.5 – 7.8 mmol/L)
	Leukocytes (2)	Negative	70 – 125 Leuco/µL
	Microalbumin	10 mg/L	80 – 150 mg/L
	Nitrite	Negative	Positive
	pH	5.0 – 6.5	5.0 - 6.5
	Protein, Total	Negative	100 – 300 mg/dL (1.0 – 3.0 g/L)
	Protein-to-Creatinine Ratio	n/a	n/a
	Specific Gravity	1.010 – 1.015	1.020 – 1.025
	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 (2)	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 – 40 mg/dL (1.5 – 3.9 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