

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 98010

Level 1 98011

Level 2 98012

IVD

2025-11-31

Link for latest version of target value sheet:

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



	Parameter / Analyte	Level 1 – 98011	Level 2 – 98012
HUMAN COMBINA 11S 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	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	15 - 78 mg/dL (1.5 – 7.8 mmol/L)
	Leukocytes (2)	Negative	15 – 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	30 – 300 mg/dL (0.3 – 3.0 g/L)
	Protein-to-Creatinine Ratio	n/a	n/a
	Specific Gravity	1.005 – 1.015	1.015 – 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	10 – 200 mg/dL (0.9 – 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 – 500 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	30 – 300 mg/dL (0.3 – 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	1.020 – 1.030
	Urobilinogen	0.2 mg/dL (3.4 µmol/L), normal	2 – 8 mg/dL (34 – 135 µmol/L)

CO-US

Rev. 01 | valid of 18.07.2023



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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