

Performance Characteristics

Test Pad	Sensitivity	Specificity	Interference
Specific Gravity	n.a.	n.a.	pH >6.5
Leukocytes	10 WBC/ μ l	Granulocytes and histiocytes	Alkaline pH, higher SG and high concentration of bilirubin increases the intensity of color reaction
Nitrite	11 mmol/l; 0.05 mg/dl	Specific for nitrite	Diuresis and phenazopyridine
pH	n.a.	n.a.	Foreign substances based on alkaline and/or acidic, old urine with pH about 9
Protein	0.15 g/l; 15 mg/dl	Specific for albumin	Drugs based on quinine and quinolone, alkaline urine with pH >8, traces of some detergents and disinfectants
Glucose	0.9 mmol/l; 16 mg/dl	Specific for D-glucose	Traces of detergents based on peroxides
Ketone	0.1 – 0.2 mmol/l; 1.0 – 2.0 mg/dl	High for acetoacetic acid, low for acetone, none for butyric acid	Drugs based on phenolphthalein or sulphophthalein
Urobilinogen	6.0 μ mol/l; 0.35 mg/dl	Urobilinogen and stercobilinogen	Phenazopyridine, bilirubin and light
Bilirubin	4,3 – 5,2 μ mol/l; 0.25 – 0.30 mg/dl	Specific for conjugated bilirubin	High concentrations of Uro and light
Blood	5 RBC/ μ l	Specific for hemoglobin and myoglobin	Extremely high SG
Creatinine	0.4 mmol/l (0.04 g/l)	Specific for creatinine	High concentrations of ketone bodies (>50 mmol/l)
Microalbumine	0.03 g/l (30 mg/l)	Specific for albumin, much less to other urinary proteins	Drugs based on quinine and quinolone, alkaline urine with pH >8, traces of some detergents and disinfectants

Ordering Information – Strips

Article Name	REF	S.G.	Leu	Nit	pH	Prot	Gluc	Ket	Uro	Bil	Blood	Cre	Ma	C. PAD	Tests/Vial
Strips for Visual Evaluation															
Convergys® Urine Matrix 10	1000-1128	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	100
Convergys® Urine Matrix 10	1000-1129	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	150
Convergys® Urine Matrix G3	1000-1130	-	-	-	✓	✓	✓	-	-	-	-	-	-	-	100
Convergys® Urine Matrix G2	1000-1131	-	-	-	-	-	✓	✓	-	-	-	-	-	-	100
Convergys® Urine Matrix G+	1000-1132	-	-	-	-	-	✓	-	-	-	-	-	-	-	100
Convergys® Urine Matrix GPK	1000-1133	-	-	-	-	✓	✓	✓	-	-	-	-	-	-	100
System Strips for Convergys Urostar® 100															
Convergys Urostar® Strips	1100-2302	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	150
Convergys Urostar® CM	1100-2303	-	-	-	-	-	-	-	-	-	-	✓	✓	✓	50

Abbreviations: S.G. Specific Gravity, Leu Leucocytes, Nit Nitrite, pH, Prot Protein/Albumin, Gluc Glucose, Ket Ketones, Uro Urobilinogen, Bil Bilirubin, Cre Creatinine, Ma Microalbumin, C.PAD Compensation Pad

Call us for customized parameter combinations

Ordering Information – Test strip reader

Article Name	Ref	Description
Convergys Urostar® 100	1100-2301	Urine test strip reader

* Convergys Technologies reserves the right to change any of the specifications without prior notice.

** Full specifications are available on request.

Convergys® Urine Matrix Urine Test Strips

Convergys® Urine Matrix urine test strips for in vitro diagnostic use provide useful screening information regarding the status of carbohydrate metabolism, hypertension, kidney, liver function, acid-base balance, and urinary tract infections. Only the pathological indications of test parameters need further diagnostic intervention.

NEW

**Enhanced Sensitivity and
Ascorbic Acid Interference Protected**



Ascorbic acid interference protected:

The ascorbic acid concentrations of 200 mg/l have no influence on the measurements of urinary Glucose with concentrations of 2.8 mmol/l and above as well as Blood above 10 RBC/ μ l. Even ascorbic acid concentrations of 1000 mg/l have no influence on the measurements of Nitrites above 2.5 mg/l, 25 Leucocytes/ μ l, Urobilinogen, Bilirubin, Ketone, Protein, pH and Specific Gravity.



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