

# Urinalysis System Line

## Instruments and Test Strips for Visual and Automated Reading

- > Urine test strips with 1 to 13 parameters
- > Microalbumin and creatinine on 13-parameter strip
- > Strips for visual and for automated reading
- > High European quality standards ensure accurate results

### URINALYSIS

CoreLab DX



**Human**

Diagnostics Worldwide

# Automated Urinalysis

For Small to Medium-throughput Laboratories



REF  
17600

## Combilyzer<sup>13</sup>

Analyzer for small to medium-volume laboratories

- > Closed system for Combina 13 test strips
- > User friendly software
- > Photoelectric colorimetry test principle
- > Throughput: 60 samples/h (standard mode)  
120 samples/h (fast mode)
- > Calculates albumin-to-creatinine ratio
- > Flags for abnormal results
- > On-board storage of 1,000 results
- > Conventional, arbitrary and SI units
- > Barcode reader for test strips and samples
- > Built-in thermal printer
- > Serial port for unidirectional connection with LIS. Port for external printer
- > On-board service & system diagnose tools



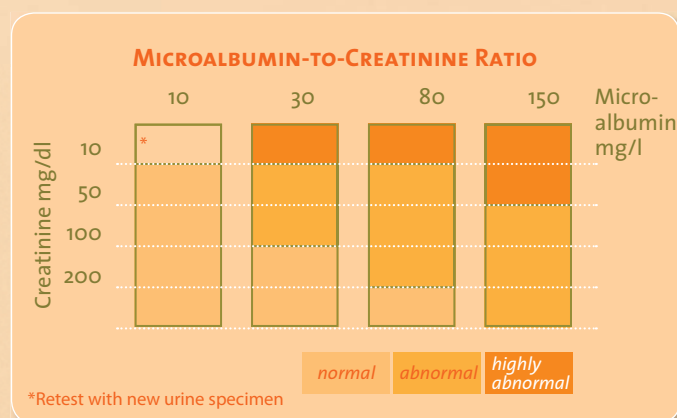
REF  
22132

## COMBINA 13

100 tests

Comprehensive urinary profile including microalbumin & creatinine

- > Strip for testing  
ascorbic acid, bilirubin, blood, creatinine, glucose, ketones, leukocytes, microalbumin, nitrite, pH, protein, specific gravity, urobilinogen
- > Semi-quantitative visual reading for all parameters at 60 seconds
- > Especially suited for first time urine testing – no need for timed collection
- > Microalbumin-to-creatinine ratio automatically calculated by Combilyzer<sup>13</sup>
- > For visual and automated reading with Combilyzer<sup>13</sup>



## Microalbumin

Urinary excretion of microalbumin indicates kidney damage – often found in patients with diabetes and hypertension – and is a recognized risk factor for progression of kidney and cardiovascular diseases.

Parallel measurement of creatinine and albumin to diagnose microalbuminuria makes collection of 24-hour urine samples obsolete, as the albumin-to-creatinine ratio allows to correct variations in diuresis.

# Urine Test Strips

## Urinary Profiles for Visual and Automated reading

- > Urine test strips with 1 to 13 parameters
- > Small package size – reduces risk of early deterioration
- > High European quality standards ensure accurate results

**COMBINA GLUCOSE**      50 tests      REF 22092  
 Test strip for glucose

**COMBINA 2**      50 tests      22022  
 Test strip for glucose and ketones

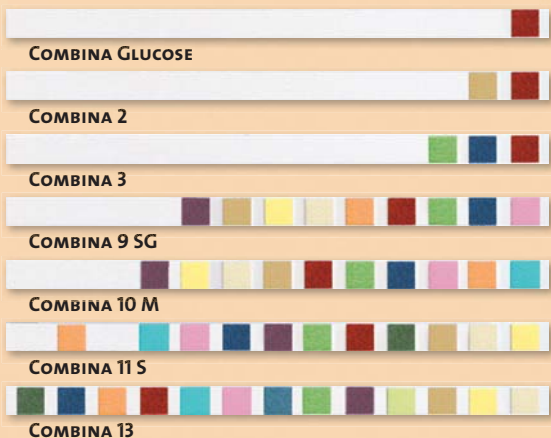
**COMBINA 3**      50 tests      22032  
 Test strip for glucose, pH and protein

**COMBINA 9 SG**      50 tests      22002  
 Test strip for bilirubin, blood, glucose, ketones, nitrite, pH, protein, specific gravity, urobilinogen

**COMBINA 10 M**      50 tests      REF 22102  
 Test strip for bilirubin, blood, glucose, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen

**COMBINA 11 S**      150 tests      23111  
 > Strip for testing ascorbic acid, bilirubin, blood, glucose, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen

**COMBINA 13**      100 tests      22132  
 > Strip for testing ascorbic acid, bilirubin, blood, creatinine, glucose, ketones, leukocytes, microalbumin, nitrite, pH, protein, specific gravity, urobilinogen



**Human**

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