

# MICROBIOLOGY



Smart identification  
and antibiotic susceptibility  
determination system

## MIKROLATEST® ID

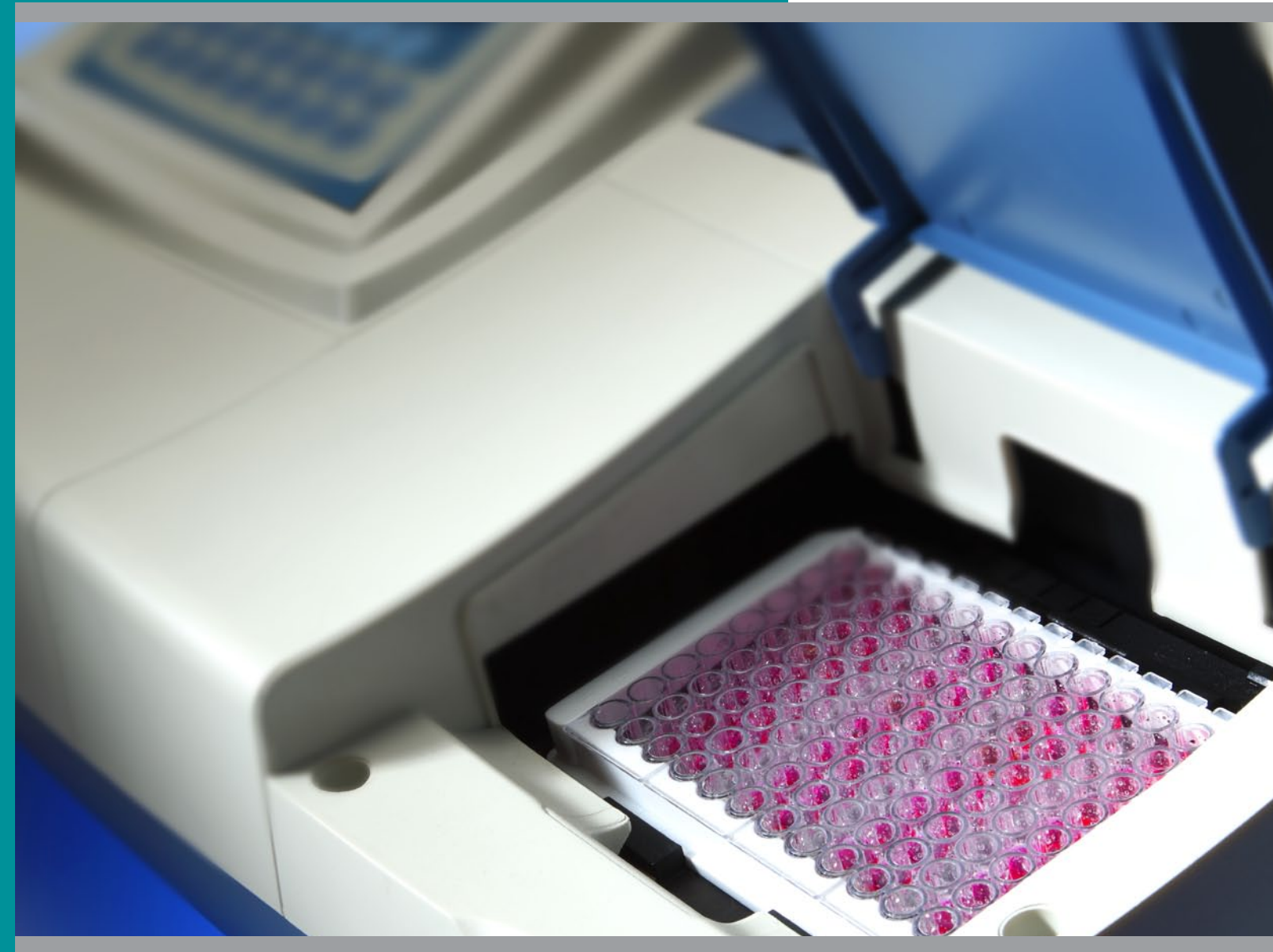
Reagent-free kits	Cat. nr.	Nr. of tests	Target
ENTEROtest 24 N	10020290	40	Enterobacteriaceae
NEFERMtest 24	10003388	40	Non-fermentative bacteria, Aeromonadaceae, Vibrionaceae
OFtest	10010256	288	Enterobacteriaceae, Non-fermentative bacteria
STAPHYtest 24	10010223	40	Staphylococci
STREPTOtest 24	10010245	40	Streptococci, Enterococci
EN-COCCUStest	10003383	36	Enterococci
NEISSERIAtest	10003382	36	Neisseriae
CANDIDAtest 21	10010220	20	Yeasts
CANDIDA-Screen	10010269	36	Yeasts
URE-HPtest	10003380	288	Helicobacter pylori
<b>Cost-effective reagent kits</b>			
ENTEROtest 16	10003376	60	Enterobacteriaceae
ENTERO-Screen	10003377	36	Enterobacteriaceae
ENTERO-Rapid 24	10003390	40	Enterobacteriaceae
STAPHYtest 16	10003378	60	Staphylococci
ANAEROtest 23	10003366	40	Anaerobic bacteria
<b>Identification strips</b>			
OXItest	10003324	50	Detection of cytochromoxidase in various species
ONPtest	10003375	50	Detection of $\beta$ -galactosidase in various species
HIPPURATEtest	10003321	50	Detection of ability to hydrolyse Natrium hippurate by various species
COLItest	10003326	50	Identification of E.coli
VPtest	10003329	50	Detection of acetoin formation in various species
$\beta$ -LACTAMtest	10010232	50	Detection of $\beta$ -lactamase activity in Neisseria, Haemophilus and Staphylococcus species
PYRAtest	10003344	50	Detection of pyrrolidonylarylamidase enzyme in enterococci and Streptococcus pyogenes
INDOXYLtest	10010254	50	Detection of acetate-esterase activity of Moraxella catarrhalis and Campylobacter sp.

## MIKROLATEST® BP

Kits	Cat. nr.	Nr. of tests	Target
SENSILATEST G-I	10020279	60	Enterobacteriaceae (basic antibiotics)
SENSILATEST G-II	10020280	60	Enterobacteriaceae (special antibiotics)
SENSILATEST NEFERM	10020285	60	Non-fermenting bacteria
SENSILATEST URINE	10020284	40	Bacteria isolated from urine and urinary tract, especially Enterobacteriaceae
SENSILATEST G+	10020282	40	Enterococcus and Streptococcus (excluding Str. pneumoniae)
SENSILATEST STAPHY	10020283	60	Staphylococcus

## MIKROLATEST® MIC

Kits	Cat. nr.	Nr. of tests	Target
MIC G-I	10020295	10	Enterobacteriaceae
MIC G-II	10020296	10	Enterobacteriaceae
MIC URINE	10020299	10	Bacteria isolated from urine and urinary tract
MIC NEFERM	10020297	10	Non-fermenting bacteria
MIC STAPHY	10020298	10	Staphylococci
MIC G+	10020300	10	Streptococci A,B,C, G, Streptococcus pneumoniae and enterococci



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Contact info / map

The right way  
to the correct results



### Manual reading Manual evaluation

MIKROLATEST® kits  
Codebook  
DENSILAMETER

### Manual reading Software evaluation

MIKROLATEST® kits  
MIKROB2 identification sw  
DENSILAMETER

### Automated reading Software evaluation

MIKROLATEST® kits  
LISASCAN EM reader  
+ MIKROB-AUTOMAT sw  
DENSILAMETER

## MIKROLATEST® kits

Results of identification and antibiotic susceptibility are the main outputs required by clinicians as the basis of efficient therapy. To fulfil these demands, Erba Lachema offers microbiological laboratories manual, computer-aided and automated systems with several features to ease the daily routine.

No matter which of these 3 systems is applied, the same kits are the same.

### MIKROLATEST® BP kits

- Breakpoint AST kits represented by traditional SENSILATEST line
- Economical system for antibiotic susceptibility testing based on EUCAST breakpoint determination adjusted to visual or automated reading
- Software with expert system including CLSI and EUCAST standards

### MIKROLATEST® MIC kits

- High quality system for antibiotic susceptibility testing based on minimal inhibitory concentration determination adjusted to visual or automated reading
- Software with expert system including CLSI and EUCAST standards

### MIKROLATEST® ID kits

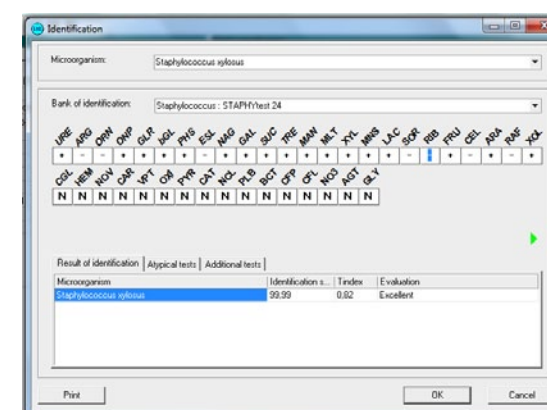
- User-friendly kits covering identification of most important bacteria
- Tests come in the form of divided microplate strips, i.e. exact number of tests can be used
- Reagent-free kits are also available



## MIKROB2 identification software

Both software systems enable evaluation of identification based on MIKROLATEST® kits and antibiotic susceptibility based on SENSILATEST kits, zone diameters or MIC systems.

- Incorporated expert system correlates results of identification and antibiotic susceptibility
- MIKROB2 is intended for manual examinations – results are entered manually
- Mutual communications of both softwares enable statistical and epidemiological analysis of data performed in MIKROB2 system
- Softwares can communicate with laboratory information system



## LISASCAN EM reader + MIKROB-AUTOMAT software

Our universal photometer with sophisticated control software can be used for automated reading and evaluation of MIKROLATEST® microplates.

- Optical system: 8 optical fibers for parallel measurement of 8 vertical channels
- Operating speed: 45s / MIKROLATEST® microplate
- Size: 502 x 369 x 216 mm
- Weight: 7 kg
- Customizable set of antibiotics to be read by MIKROB-AUTOMAT



## DENSILAMETER®

Objective determination of microbial density

- Patented method of measurement providing objective values
- Designed for measurements in tubes with a diameter 15 – 18,5 mm
- Two calibration modes:  
**Standard calibration** – set up for measurement in polystyrene tubes manufactured by Erba Lachema  
**User calibration** – set up for measurement in suspension media glass tubes manufactured by Erba Lachema or possibility to create customer's own calibration

