

The background of the slide is a close-up, slightly blurred image of a microtiter plate. The plate contains several wells, each filled with a different colored liquid, including yellow, orange, red, and clear. The colors suggest different chemical reactions or test results. The plate is tilted, and the lighting creates a soft glow on the liquids.

Liofilchem

ID-AST systems



**Systems for ID and AST
directly from clinical specimens**

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**Integral Systems for ID and AST
from isolated colonies**

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**Systems for ID
from isolated colonies**

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**Systems for AST
from isolated colonies**

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AF Genital System



Count, Identification and Susceptibility Testing of mycoplasmas and of the main urogenital microorganisms directly from Clinical Specimens

Clinical Specimens

Vaginal swab, urethral swab, rectal swab, seminal fluid

Urogenital mycoplasmas

Count/identification

Ureaplasma urealyticum, *Mycoplasma hominis*

Susceptibility Testing

Tetracycline, Pefloxacin, Ofloxacin, Doxycycline,
Erythromycin, Clarithromycin, Minocycline,
Josamycin, Clindamycin

Direct Microbial Identification

Escherichia coli, *Proteus* spp, *Providencia* spp,
Pseudomonas spp, *Gardnerella vaginalis*,
Staphylococcus spp, *Enterococcus* spp (group D),
Streptococcus agalactiae (group B),
Neisseria gonorrhoeae, *Candida* spp,
Trichomonas vaginalis

BENEFITS

- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 24-48 hours
- ✓ Confirmation with latex agglutination tests
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
AF Genital System	20 tests	74156
AF Genital System	4 tests	79156

Mycoplasma System *Plus*



Count, Identification and Susceptibility Testing of urogenital mycoplasmas and *Candida spp*/*Trichomonas vaginalis* directly from Clinical Specimens

Clinical Specimens

Vaginal swab, urethral swab, rectal swab, seminal fluid

Urogenital Mycoplasmas

Count/identification

Ureaplasma urealyticum, *Mycoplasma hominis*

Susceptibility Testing (double concentration)

Tetracycline, Pefloxacin, Ofloxacin, Doxycycline,
Erythromycin, Clarithromycin, Minocycline,
Clindamycin, Azithromycin

Direct Microbial Identification (microscopic observation)

Candida spp, *Trichomonas vaginalis*

BENEFITS

- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 24-48 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
Mycoplasma System <i>Plus</i>	20 tests	72592
Mycoplasma System <i>Plus</i>	4 tests	79592

Urin System *Chrom*



Count, Identification and Antimicrobial Susceptibility Testing of the main pathogenic microorganisms directly from Urine Specimen

Count and Direct Microbial identification

Escherichia coli, *Proteus* spp, *Providencia* spp,
Citrobacter spp, *Pseudomonas* spp,
Klebsiella spp, *Enterobacter* spp,
Serratia spp, *Enterococcus* spp (group D),
Staphylococcus aureus, *Candida* spp

Antimicrobial Susceptibility Testing

Amikacin, Gentamicin, Tobramycin, Fosfomycin,
Piperacillin-tazobactam, Imipenem, Cefixime,
Cefuroxime, Cefotaxime, Ceftazidime,
Nitrofurantoin, Ampicillin-sulbactam,
Tetracycline, Ciprofloxacin, Levofloxacin,
Vancomycin, Ofloxacin, Co-trimoxazole

BENEFITS

- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
Urin System <i>Chrom</i>	20 tests	74161
Urin System <i>Chrom</i>	4 tests	79161

Urin System *Plus*



Count, Identification and Antimicrobial Susceptibility Testing of the main pathogenic microorganisms directly from Urine Specimen

Count and Direct Microbial identification

Escherichia coli, *Proteus* spp, *Providencia* spp,
Citrobacter spp, *Pseudomonas* spp,
Klebsiella spp, *Enterobacter* spp,
Serratia spp, *Enterococcus* spp (group D),
Staphylococcus aureus, *Candida* spp

Antimicrobial Susceptibility Testing

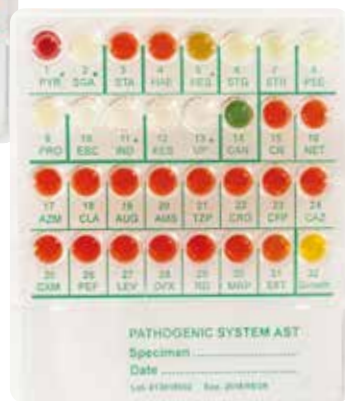
Amikacin, Gentamicin, Tobramycin,
Piperacillin-tazobactam, Fosfomycin,
Cefoperazone, Cefotaxime, Ceftazidime,
Ampicillin-sulbactam, Tetracycline,
Ciprofloxacin, Levofloxacin, Co-trimoxazole,
Amoxicillin-clavulanic acid

BENEFITS

- ✓ Complete diagnosis
- ✓ Save time and labor with direct testing
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
Urin System <i>Plus</i>	20 tests	74160
Urin System <i>Plus</i>	4 tests	79160

Pathogenic System AST



Packaging			ref.
Pathogenic System AST	20 tests		71681
Pathogenic System AST	4 tests		79681

Copro System *Plus*



Packaging		ref.
Copro System <i>Plus</i>	20 tests	71675
Copro System <i>Plus</i>	4 tests	79675

- ✓ Direct inoculation of fecal specimen
- ✓ Complete diagnosis
- ✓ Easy procedure of use
- ✓ Results in 18-24 hours
- ✓ Confirmation with latex agglutination tests

Integral System Enterobacteria



Identification and Antimicrobial Susceptibility Testing of Enterobacteriaceae from isolated colonies

Enterobacteria Identification

Escherichia coli spp, *Shigella* spp,
Pseudomonas spp, *Edwardsiella* spp,
Citrobacter spp, *Salmonella* spp, *Arizona* spp,
Klebsiella spp, *Enterobacter* spp, *Serratia* spp,
Proteus spp, *Morganella* spp, *Providencia* spp,

Antimicrobial Susceptibility Testing

Amikacin, Gentamicin, Tobramycin, Fosfomycin,
Piperacillin-tazobactam, Cefoperazone, Cefotaxime,
Ceftazidime, Ampicillin-sulbactam, Nalidixic acid,
Ciprofloxacin, Levofloxacin, Co-Trimoxazole

BENEFITS

- ✓ Complete diagnosis
- ✓ Cost effective
- ✓ Results in 24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
Integral System Enterobacteria	20 tests	71714
Integral System Enterobacteria	4 tests	79714

Integral System Yeasts *Plus*



Identification and Antifungal Susceptibility Testing of the main pathogenic yeasts from isolated colonies

Yeast Identification

Candida albicans, *Candida krusei*,
Candida tropicalis, *Candida glabrata*,
Candida parapsilosis, *Candida dubliniensis*,
Candida kefyr, *Candida lusitanae*,
Candida guilliermondii, *Candida stellatoidea*,
Cryptococcus neoformans, *Cryptococcus albidus*,
Cryptococcus laurentii, *Rhodotorula glutinis*,
Saccharomyces cerevisiae, *Geotrichum candidum*

Antifungal Susceptibility Testing

Nystatin, Amphotericin B, Flucytosine, Econazole, Ketoconazole, Clotrimazole, Miconazole, Itraconazole, Voriconazole, Fluconazole

BENEFITS

- ✓ Complete diagnosis
- ✓ Cost effective
- ✓ Results in 48 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
Integral System Yeasts <i>Plus</i>	20 tests	71822
Integral System Yeasts <i>Plus</i>	4 tests	79822

Enterosystem 18R



Biochemical Identification of Gram-negative, oxidase-negative Enterobacteria

Microorganism Identification

Escherichia spp,
Enterobacter spp,
Klebsiella spp,
Proteus spp,
Salmonella spp,
Citrobacter spp,
Arizona spp,
Yersinia spp,
Serratia spp

BENEFITS

- ✓ Complete identification
- ✓ Cost effective
- ✓ Results in 12-18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
Enterosystem 18R	20 tests	71618
Enterosystem 18R	4 tests	79618

Listeria System 18R



Biochemical Identification of *Listeria* spp

Microorganism Identification

Listeria monocytogenes,
Listeria innocua,
Listeria ivanovii,
Listeria seeligeri,
Listeria welshimeri,
Listeria grayi sub. *grayi*,
Listeria grayi sub. *murrayi*,
Jonesia denitrificans

BENEFITS

- ✓ Complete identification
- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation

Packaging		ref.
Listeria System 18R	20 tests	71640
Listeria System 18R	4 tests	79640

Staph System 18R



Biochemical Identification of Staphylococci

Microrganism Identification

Staphylococcus aureus, *Staphylococcus epidermidis*,
Staphylococcus capitis, *Staphylococcus capae*,
Staphylococcus warneri,
Staphylococcus haemolyticus,
Staphylococcus hominis, *Staphylococcus auricularis*,
Staphylococcus saprophyticus,
Staphylococcus chonii var. *human*,
Staphylococcus chonii var. *primate*,
Staphylococcus xylosus, *Staphylococcus simulans*,
Staphylococcus carnosus,
Staphylococcus intermedius,
Staphylococcus hyicus var. *hyicus*,
Staphylococcus hyicus var. *chromogenes*,
Staphylococcus sciuri, *Staphylococcus lentus*,
Staphylococcus gallinarum

BENEFITS

- ✓ Complete identification
- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation

Packaging		ref.
Staph System 18R	20 tests	71630
Staph System 18R	4 tests	79630

Strepto System 12R



Biochemical Identification of Streptococci

Microrganism Identification

Streptococcus pyogenes, *Streptococcus agalactiae*,
Streptococcus epidermidis,
Streptococcus dysgalactiae, *Streptococcus equi*,
Enterococcus faecalis, *Enterococcus faecium*,
Enterococcus casseliflavus, *Enterococcus avium*,
Streptococcus durans, *Streptococcus bovis* I,
Streptococcus bovis II, *Streptococcus equinus*,
Streptococcus milleri I, *Streptococcus milleri* II,
Streptococcus sanguis I, *Streptococcus sanguis* II,
Streptococcus salivarius, *Streptococcus mitis*,
Streptococcus viridans, *Streptococcus pneumoniae*,
Streptococcus mutans, *Streptococcus lactis*,
Streptococcus suis I, *Streptococcus suis* II,
Streptococcus uberis, *Streptococcus acidominimus*

BENEFITS

- ✓ Complete identification
- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation

Packaging		ref.
Strepto System 12R	40 tests	72560
Strepto System 12R	8 tests	79560

SensiTest Gram-positive



System for Antimicrobial Susceptibility Testing of Gram-positive bacteria

Antimicrobial Susceptibility Testing (single concentration per antibiotic)

Gentamicin, Netilmicin, Tobramycin,
Amoxicillin-clavulanic acid,
Ampicillin-sulbactam, Piperacillin, Cefaclor,
Cefixime, Cefonicid, Ceftazidime, Ceftriaxone,
Cefuroxime, Ciprofloxacin, Levofloxacin,
Pefloxacin, Azithromycin, Clarithromycin,
Erythromycin, Miokamycin, Roxitromycin,
Fosfomycin, Rifampicin, Co-trimoxazole

BENEFITS

- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

Packaging		ref.
SensiTest Gram-positive	20 tests	76020
SensiTest Gram-positive	4 tests	79020

SensiTest Gram-negative



System for Antimicrobial Susceptibility Testing of Gram-negative bacteria

Antimicrobial Susceptibility Testing (single concentration per antibiotic)

Amikacin, Gentamicin, Tobramycin,
Ampicillin-sulbactam;
Amoxicillin-clavulanic acid,
Mezlocillin, Piperacillin-tazobactam,
Ticarcillin-clavulanic acid, Fosfomycin,
Nitrofurantoin, Cefoperazone, Cefotaxime,
Ceftazidime, Ceftriaxone, Cefuroxime,
Nalidixic acid, Lomefloxacin, Ciprofloxacin,
Levofloxacin, Pefloxacin, Teicoplanin,
Aztreonam, Co-trimoxazole

BENEFITS

- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

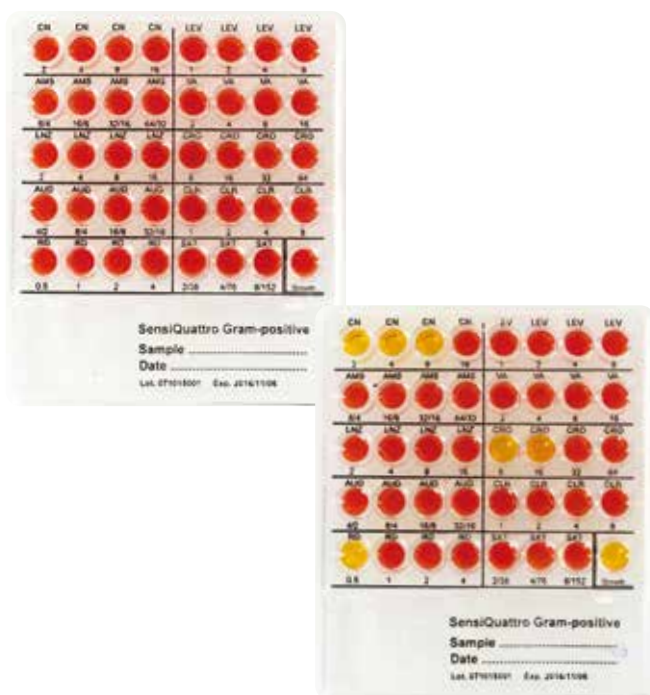
Packaging		ref.
SensiTest Gram-negative	20 tests	76010
SensiTest Gram-negative	4 tests	79010

SensiQuattro Gram-positive

System for Antimicrobial Susceptibility Testing of Gram-positive bacteria

Antimicrobial Susceptibility Testing
(four concentrations per antibiotic)

Gentamicin, Levofloxacin,
Ampicillin-sulbactam, Vancomycin,
Linezolid, Ceftriaxone,
Amoxicillin-clavulanic acid,
Clarithromycin, Rifampicin,
Co-trimoxazole



Packaging		ref.
SensiQuattro Gram-positive	20 tests	76032
SensiQuattro Gram-positive	4 tests	79032

BENEFITS

- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

SensiQuattro Gram-negative

System for Antimicrobial Susceptibility Testing of Gram-negative bacteria

Antimicrobial Susceptibility Testing
(four concentrations per antibiotic)

Gentamicin, Amikacin,
Tobramycin, Piperacillin-tazobactam,
Fosfomycin, Ampicillin-sulbactam,
Ciprofloxacin, Levofloxacin,
Cefuroxime, Co-trimoxazole

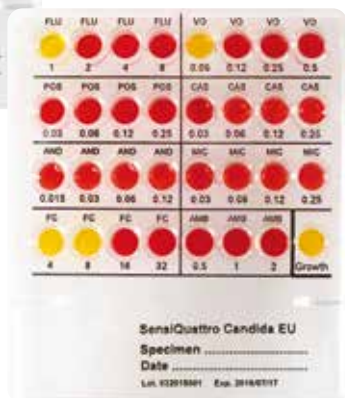


Packaging		ref.
SensiQuattro Gram-negative	20 tests	76031
SensiQuattro Gram-negative	4 tests	79031

BENEFITS

- ✓ Cost effective
- ✓ Results in 18-24 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

SensiQuattro Candida EU



System for Antifungal Susceptibility Testing of *Candida* spp

Antifungal Susceptibility Testing (four concentrations per antibiotic)

Fluconazole, Anidulafungin,
Voriconazole, Micafungin,
Posaconazole, Flucytosine,
Caspofungin, Amphotericin B

Packaging		ref.
SensiQuattro Candida EU	20 tests	76033
SensiQuattro Candida EU	4 tests	79033

BENEFITS

- ✓ Cost effective
- ✓ Results in 24-48 hours
- ✓ Clear and well defined color changes
- ✓ Easy interpretation
- ✓ Automatic reading available

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