



PRICE LIST 2024

- Ames Test Kits & individual Kit products
- UmuC Easy Test Kit
- Rapid Micronucleus MoA
- Yeast Estrogen, Androgen Screen XL YES / XL YAS - Test Kits
- XTT Cytotoxicity Assay

Important information

- Ames Kits: All Ames kits except for the Ames II are delivered with bacterial strains in a semisolid medium. Shipping is at ambient temperature, but the strains must be stored at $\leq -70^{\circ}\text{C}$ upon arrival. Multiple freeze - thaw cycles will deteriorate the strains.
- Ames II Kits: The liquid strains of the Ames II kit are shipped in dry ice and storage upon arrival is also at $\leq -70^{\circ}\text{C}$. Please contact Xenometrix for further information if you have a -20°C freezer only.
- S9 Cofactor kit: The S9 Cofactor kit is not included in the Ames kits. It is available separately.
- XL YES YAS Kits: Shipping of the XL YES YAS kits is at ambient temperature. The strains must be stored at $2-8^{\circ}\text{C}$ (for up to 1 month) or at -20°C (> 1 month), please see instruction for use.
- Rapid Micronucleus MoA: Shipping of the Rapid Micronucleus MoA is at ambient temperature. Probes, Dapi Counterstain and Mounting solution must be stored at -20°C upon arrival.
- The experimental designs (number of doses, placement of controls on the plates) may be customized according to personal needs but only the suggested designs are supported by the excel calculation sheets

AbbreviationsMPF:

MicroPlate Fluctuation Assay

YES: Yeast Estrogen Screen

YAS: Yeast Androgen Screen

S2= Phenobarbital/ β -Naphthoflavone (PB/NF) induced S9 (see Art.No.)

MoA: Mode of Action

Biotoxik

www.biotoxik.it

info@biotoxik.it

Product	Article No.
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Ames Test Kits in a liquid Microplate Format - Ames Fluctuation Test

Ames MPF PENTA 1 - 5 Strain Kit TA98/TA100/TA1535/TA1537/E.coli UvrA/E.coli pkM101

10 Sample Kit - 480 Measuring Points / Strain	C10-512
10 Sample Kit with S9 and Positive Controls Same components as in C10-512, plus positive controls and: Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	C10-512-S2-P
1 Sample Starter Kit - 48 Measuring Points / Strain Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	C01-512-S2-P

Ames MPF PENTA 2 - 5 Strain Kit TA98/TA100/TA1535/TA1537/E.coli UvrA(pkM101)

10 Sample Kit - 480 Measuring Points / Strain	B10-513
10 Sample Kit with S9 and Positive Controls Same components as in C10-512, plus positive controls and: Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	B10-513-S2-P
1 Sample Starter Kit - 48 Measuring Points / Strain Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	B01-513-S2-P

Ames II - 2 Strain Kit TA98/TAMix

10 Sample Kit - 480 Measuring Points / Strain	E10-213
10 Sample Kit with S9 and Positive Controls Same components as in E10-213, plus positive controls and: Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	E10-213-S2-P

Ames MPF 98/100 - 2 Strain Kit TA98/TA100

10 Sample Kit - 480 Measuring Points / Strain	A10-210
10 Sample Kit with S9 and Positive Controls Same components as in A10-210, plus positive controls and: Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	A10-210-S2-P
1 Sample Starter Kit - 48 Measuring Points / Strain Lyophilized rat liver S9, Phenobarbital/ β -Naphthoflavone induced	A01-210-S2-P

Product	Article No.
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Ames MPF 98/100 Aqua - 2 Strain Kit TA98/TA100 for Water Samples

5 Sample Basic Kit without S9, positive controls - 240 Measuring Pts.	J05-210
5 Sample Basic Kit with S9, positive controls - 240 Measuring Pts.	J05-210-S2-P

Ames Test Kits in Agar Plates

MacroAmes1 98/100 - 2 Strain Kit in Petri Dishes with TA98/TA100

2 Sample Kit with TA98 and TA100, incl. PB/NF induced S9 and Positive Controls, Buffers, Agar, 192 Measuring Points	R02-210-S2-P
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MacroAmes1 Penta 3 - 5 Strain Kit in Petri Dishes OECD TG471

2 Sample Kit with TA98, TA100, TA1535, TA1537, E.coli uvrA(pkM101) incl. PB/NF induced S9 and Positive Controls, Buffers, Agar, 390 Measuring Points	S02-514-S2-P
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MicroAmes6 98/100 - 2 Strain Kit in 6 Well Agar plates with TA98/TA100

Sample Kit with TA98 and TA100, incl. PB/NF induced S9 and Positive Controls, Buffers, Agar, 180 Measuring Points	L02-210-S2-P
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MicroAmes24 98/100 - 2 Strain Kit in 24 Well Agar plates with TA98/TA100

5 Sample Basic Kit without S9, Positive Controls - 600 Measuring Pts.	D05-210
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To complete your kit with positive controls and S9, please add

1 ml Phenobarbital/ β -Naphthoflavone induced lyophilized rat liver S9 4 x or	PRS-PB01
2 ml Phenobarbital/ β -Naphthoflavone induced lyophilized rat liver S9, 2 x	PRS-PB02
2-Nitrofluorene, 2-NF, 20 μ g, 1 x	PPC-NF00
2-Aminoanthracene, 2-AA, 100 μ g, 1 x	PPC-AA01
4-Nitroquinoline-N-oxide, 4-NQO, 50 μ g, 1 x	PPC-NQ02
S9 Cofactor Solution Kit for 24 samples	PCO-0800

Ames Media, Strains, Rat Liver S9, Positive Controls

Ames MPF Media - Ames MPF / Ames II - Ready to use Media

Ames MPF / Ames II Growth Medium, 50 ml	PMM-GM00
Ames MPF / Ames II Salmonella Exposure Medium, 50 ml	PMM-EM02
Ames MPF / Ames II Salmonella Reversion Indicator Medium, 550 ml	PMM-IM10

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Ames Media, Strains, Rat Liver S9, Positive Controls

Ames MPF Media - Ames MPF E.coli - Ready to use Media

Ames MPF / Ames II Growth Medium, 50 ml	PMM-GM00
Ames MPF E.coli Exposure Medium, 50 ml	PME-EM22
Ames MPF E.coli Reversion Indicator Medium, 550 ml	PME-IM31

Ames MPF 10x Exposure Media - Ready to use Media

Solution A - 25 ml / Solution B - 0.7 ml	PMM-GM00
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Bacterial Strains - Ames - Semisolid S. typhimurium Strains

250 µl TA98	PSS-0110
250 µl TA100	PSS-0111
250 µl TA1535	PSS-0112
250 µl TA1537	PSS-0113
250 µl TA97a	PSS-0114
250 µl TA102	PSS-0120
250 µl TA1535pSK1002 for UmuC	PSS-0118
250 µl YG1041	PSS-0121
250 µl YG 1042	PSS-0122

Shipping: room temperature (cool packs) / Storage: -70°C

Bacterial Strains - Ames - Liquid S. typhimurium Strains

50 µl TA98	PLI-0110
50 µl TAMix	PLI-0114

Shipping: dry ice / Storage: -70°C

Bacterial Strains - Ames - Semisolid E.coli Strains

250 µl E.coli WP2 uvrA	PSS-0115
250 µl E.coli WP2 [pKM101]	PSS-0116
250 µl E.coli WP2 UvrA[pKM101]	PSS-0119

Shipping: room temperature (cool packs) / Storage: -70°C

Ampicillin

120 µl Ampicillin	PAM-0002
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Rat liver S9, Co-factor Solutions

1 ml Phenobarbital/ β -Naphthoflavone induced lyoph. rat liver S9	PRS-PB01
2 ml Phenobarbital/ β -Naphthoflavone induced lyoph. rat liver S9	PRS-PB02
S9-100/1537 Booster Solution	PRS-BB01
S9 Cofactor Kit	
S9 Buffersalts, G-6-P, NADP, MgCl ₂ - total volume 25.9 mL	PCO-0800

Positive Controls for Ames MPF, Ames II

2-Nitrofluorene, 2-NF, 20 μ g	PPC-NF00
2-Aminoanthracene, 2-AA, 100 μ g	PPC-AA01
4-Nitroquinoline-N-oxide, 4-NQO, 50 μ g	PPC-NQ02
N4-Aminocytidine, N4-ACT, 2.5 mg	PPC-AC02
9-Aminoacridine, 9-AAC, 1000 μ g	PPC-AR05
2-Aminofluorene, 2AF, 10 mg	PPC-AF10
ICR191, 100 μ g	PPC-IC01

Plastic Ware

Plastic Ware - Large Packages	
Sterile 96-well plate, 160 plates / Box	PPW-8100
Sterile 24-well plates, 126 plates / Box	PPW-0725
Sterile 25 Well Square Plates, 120 Plates / Box	PPW-0317
Sterile 384-well plates, 50 plates / Box	PPW-0924

Test Kit UmuC Easy CS

6 Sample Kit - 192 Measuring Points	G06-118-P
2 vials TA1535psK1002	
2 vials ampicillin	
Positive controls	
Media and Reagents	
To complete your kit with lyophilized rat liver S9 please add:	
1 ml Phenobarbital/ β -Naphthoflavone induced lyophilized rat liver S9	PRS-PB01

Micronucleus Assay Kit with FISH Probes

Rapid Micronucleus MoA

20 Slides / Kit	M020
Microfilm 22 pieces (ex. 20)	
Wash Solution 10 \times 48mL (ex. 20 mL)	
Centromere probe 0.44 mL (ex. 0.40 mL)	
DAPI Counterstaining 1000 \times 0.11 mL (ex 0.1 mL)	
Mounting Solution 2 \times 1.1 mL (ex 2 x 1.0 mL)	
100 Slides / Kit	M100

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Test Kits for Endocrine Disruptor Chemicals

XenoScreen XL YES / YAS

4 - 8 Sample Kit, controls LoD, LoQ,- 348 Measuring Points N04-233-Y

Analysis of 4 compounds, agonistic and antagonistic activities, or 8 compounds for agonistic activity only, duplicates, 7 concentrations, calibration curves, negative and positive controls

without Yeast *Saccharomyces cerevisiae* hER and hAR - **to complete your kit with yeast *Saccharomyces cerevisiae* hER and yeast *Saccharomyces cerevisiae* hAR, please add**

XenoScreen YES Strain, 1 vial for 20 passages N05-230-E
XenoScreen YAS Strain, 1 vial for 20 passages N05-230-A

XenoScreen XL YES (YES agonist assay only)

4 or 32 Sample Kit, controls LoD, LoQ - 96 Measuring Points N32-233-Y

Analysis of 4 compounds, agonistic activities only, duplicates, 7 concentrations, calibration curves or 32 samples at 1 concentration negative and positive controls

without Yeast *Saccharomyces cerevisiae* hER and hAR - **to complete your kit with yeast *Saccharomyces cerevisiae* hER and yeast *Saccharomyces cerevisiae* hAR, please add**

XenoScreen YES Strain, 1 vial for 20 passages N05-230-E

XenoScreen XL YAS (YAS agonist assay only)

4 or 32 Sample Kit, controls LoD, LoQ - 96 Measuring Points N32-234-Y

Analysis of 4 compounds, agonistic activities only, duplicates, 7 concentrations, calibration curves or 32 samples at 1 concentration negative and positive controls

without Yeast *Saccharomyces cerevisiae* hER and hAR - **to complete your kit with yeast *Saccharomyces cerevisiae* hER and yeast *Saccharomyces cerevisiae* hAR, please add**

XenoScreen YAS Strain, 1 vial for 20 passages N05-230-A

XenoScreen YES / YAS Accessories

XenoScreen YES Strain, 1 vial for 20 passages N05-230-E
XenoScreen YAS Strain, 1 vial for 20 passages N05-230-A

XenoScreen XL YES / YAS Culture Maintenance Set N05-PMY-7
For passages / cultivation of the yeast cells