



Ames-, YES / YAS-Test Kits and Cytotoxicity Assays

上海拜力生物科技有限公司

021-33779008 400-968-7988

www.bioleaf.com

上海市闵行区新源路 1356 弄 1-7 号

C801

Prices in EUR (Excl. VAT)

Important information

All Ames MPF and umuC 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. 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.

The S9 Cofactor kit is not included in the Ames MPF or Ames II kits. It is available separately. Ames MPF Aqua kits are for the testing of aqueous samples such as wastewater.

Ames MPF 10 sample kits correspond to 480 agar plates per strain in the traditional assay. Ames MPF 1 sample kits correspond to 48 agar plates per strain in the traditional assay.

Shipping of the 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).

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 calculation sheets.

Abbreviations

MPF: MicroPlate Fluctuation Assay

YES: Yeast Estrogen Screen

YAS: Yeast Androgen Screen

S1= Aroclor 1254 induced S9 (see Art.No.)

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

Product

Article No.

Mutagenicity-, Genotoxicity Assays

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Ames MPF PENTA 1

10 Sample Kit - 480 Measuring Points / Strain

C10-512

10 vials semisolid TA98
10 vials semisolid TA100
10 vials semisolid TA1535
10 vials semisolid TA1537
10 vials semisolid E.coli WP2 *uvrA*
10 vials E.coli WP2 [pKM101]
8 vials ampicillin
Growth -, Exposure - and Reversion Indicator Media

10 Sample Kit with S9 and Positive Controls

Same components as in C10-512, plus positive controls and:

- Lyophilized rat liver S9, **Aroclor 1254 induced or** **C10-512-S1-P**
- Lyophilized rat liver S9, **Phenobarbital/β-Naphtoflavone induced** **C10-512-S2-P**

1 Sample Starter Kit - 48 Measuring Points / Strain

1 vial semisolid TA98
1 vial semisolid TA100
1 vial semisolid TA1535
1 vial semisolid TA1537
1 vial semisolid E.coli WP2 *uvrA*
1 vial E.coli WP2 [pKM101]
1 vial ampicillin
Positive controls
Growth -, Exposure - and Reversion Indicator Media and

- Lyophilized rat liver S9, **Aroclor 1254 induced or** **C01-512-S1-P**
- Lyophilized rat liver S9, **Phenobarbital/β-Naphtoflavone induced** **C01-512-S2-P**

All media and strains, plus positive controls and S9 if provided with the kit,
are sufficient to analyze at least 10 samples / 1 sample in triplicates
at 6 concentrations +/- S9, plus neg. and pos. controls

Ames MPF PENTA 2

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10 Sample Kit - 480 Measuring Points / Strain

B10-513

10 vials semisolid TA98
10 vials semisolid TA100
10 vials semisolid TA1535

10 vials semisolid TA1537
10 vials semisolid E.coli *uvrA*[pKM101]
8 vials ampicillin
Growth -, Exposure - and Reversion Indicator Media

10 Sample Kit with S9 and Positive Controls

Same components as in C10-512, plus positive controls and:

- Lyophilized rat liver S9, **Aroclor 1254 induced or** **B10-513-S1-P**
- Lyophilized rat liver S9, **Phenobarbital/β-Naphtoflavone induced** **B10-513-S2-P**

1 Sample Starter Kit - 48 Measuring Points / Strain

1 vial semisolid TA98
1 vial semisolid TA100
1 vial semisolid TA1535
1 vial semisolid TA1537
1 vial semisolid E.coli WP2 *uvrA*
1 vial E.coli WP2 [pKM101]
1 vial ampicillin
Positive controls

Growth -, Exposure - and Reversion Indicator Media and

- Lyophilized rat liver S9, **Aroclor 1254 induced or** **B01-513-S1-P**
- Lyophilized rat liver S9, **Phenobarbital/β-Naphtoflavone induced** **B01-513-S2-P**

All media and strains, plus positive controls and S9 if provided with the kit,
are sufficient to analyze at least 10 samples / 1 sample in triplicates
at 6 concentrations +/- S9, plus neg. and pos. controls

Ames II

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10 Sample Kit - 480 Measuring Points / Strain

E10-213

10 vials liquid TA98
10 vials liquid TAMix
6 vials ampicillin
Growth -, Exposure - and Reversion Indicator Media

10 Sample Kit with S9 and Positive Controls

Same components as in E10-213 plus positive controls and:

•Lyophilized rat liver S9, **Aroclor 1254 induced**

E10-213-S1-P

All media and strains, plus positive controls and S9 if provided with the kit,
are sufficient to analyze at least 10 samples / 1 sample in triplicates
at 6 concentrations +/- S9, plus neg. and pos. controls

Ames MPF 98/100

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10 Sample Kit - 480 Measuring Points / Strain

A10-210

10 vials semisolid TA98

10 vials semisolid TA100

6 vials ampicillin

Growth -, Exposure - and Reversion Indicator Media

10 Sample Kit with S9 and Positive Controls

Same components as in A10-210, plus positive controls and:

•Lyophilized rat liver S9, **Aroclor 1254 induced or**

A10-210-S1-P

•Lyophilized rat liver S9, **Phenobarbital/ β -Naphthoflavone induced**

A10-210-S2-P

1 Sample Starter Kit - 48 Measuring Points / Strain

1 vial semisolid TA98

1 vial semisolid TA100

1 vial ampicillin

Positive controls

Growth -, Exposure - and Reversion Indicator Media and

•Lyophilized rat liver S9, **Aroclor 1254 induced or**

A01-210-S1-P

•Lyophilized rat liver S9, **Phenobarbital/ β -Naphthoflavone induced**

A01-210-S2-P

All media and strains, plus positive controls and S9 if provided with the kit,
are sufficient to analyze at least 10 samples / 1 sample in triplicates
at 6 concentrations +/- S9, plus neg. and pos. controls

Ames MPF 98/100 Aqua

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5 Sample Kit - 240 Measuring Points / Strain**J05-210**

5 vials semisolid TA98

5 vials semisolid TA100

3 vials ampicillin

Growth -, 10x Exposure - and Reversion Indicator Media

5 Sample Kit - with Aroclor induced S9 and Positive Controls**J05-210-S1-P**

Same components as in J05-210, plus positive controls and:

Lyophilized rat liver S9, Aroclor 1254 induced

Single Strain Kits Ames MPF 98, Ames MPF 100, Ames MPF 1535,**Ames MPF 1537, Ames MPF E.Coli uvrA, Ames MPF E.Coli pKM101,****Ames MPF E.coli Combo, Ames MPF E.Coli UvrA [pKM101] are available.**

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Please contact info@xenometrix.ch or**+41 61 482 1434 - we assemble your kit !**

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Endocrine Disruptors

XenoScreen YES / YAS

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5 Sample Kit without strains - 348 Measuring Points**N05-233-Y**

Medium and Supplements, Buffers

Substrate Solution CPRG, DMSO

Positive Controls

5 x 96 Well Microplates

4 Plate Sealers, 4 Culture Flasks

All media and provided are sufficient to analyze 5 compounds, duplicates, 7 concentrations, calibration curves, negative and positive controls

**without Yeast Saccharomyces cerevisiae hER and
Yeast Saccharomyces cerevisiae hAR**

**To complete your kit with yeast Saccharomyces cerevisiae hER and
yeast Saccharomyces cerevisiae hAR, please add**

XenoScreen YES Strain, 1 vial

N05-230-E

XenoScreen YAS Strain, 1 vial

N05-230-A

XenoScreen XL YES / YAS

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4 Sample Kit without strains- 348 Measuring Points

N04-233-Y

Lyticase

Media and Supplements, Buffers

Substrate Solution CPRG, DMSO

Positive Controls

9 x 96 Well Microplates

4 Plate Sealers, 4 Culture Flasks

All media provided are sufficient to analyze 4 compounds,
duplicates, 8 concentrations, calibration curves, negative and positive
controls

**without Yeast Saccharomyces cerevisiae hER and
Yeast Saccharomyces cerevisiae hAR**

**To complete your kit with yeast Saccharomyces cerevisiae hER and
yeast Saccharomyces cerevisiae hAR, please add**

XenoScreen YES Strain, 1 vial

N05-230-E

XenoScreen YAS Strain, 1 vial

N05-230-A

XenoScreen XL YES (YES agonist assay only)

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4/32 Sample Kit + controls LoD, LoQ - 96 Measuring Points

N32-233-Y

Lyticase

Media and Supplements, Buffers
Substrate Solution CPRG, DMSO
Positive Controls
9 x 96 Well Microplates
4 Plate Sealers, 4 Culture Flasks

All media provided are sufficient to analyze 4 compounds,
duplicates, 8 concentrations, calibration curves, negative and positive
controls

without Yeast *Saccharomyces cerevisiae* hER

**To complete your kit with yeast *Saccharomyces cerevisiae* hER,
please add**

XenoScreen YES Strain, 1 vial

N05-230-E

XenoScreen XL YAS (YAS agonist assay only)

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4/32 Sample Kit + controls LoD, LoQ - 96 Measuring Points

N32-234-Y

Lyticase
Media and Supplements, Buffers
Substrate Solution CPRG, DMSO
Positive Controls
9 x 96 Well Microplates
4 Plate Sealers, 4 Culture Flasks

All media provided are sufficient to analyze 4 compounds,
duplicates, 8 concentrations, calibration curves, negative and positive
controls

without yeast *Saccharomyces cerevisiae* hAR

**To complete your kit with yeast *Saccharomyces cerevisiae* hAR,
please add**

XenoScreen YAS Strain, 1 vial

N05-230-A

XenoScreen YES / YAS Accessories

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XenoScreen YES Strain, 1 vial

N05-230-E

XenoScreen YAS Strain, 1 vial

N05-230-A

XenoScreen XL YES / YAS Culture Maintenance Set

N05-PMY-7

Basal Medium, Vitamin Solution, Amino Acid Solutions

Cu-sulfate Solution

Ames Media, Strains, Rat Liver S9, Positive Controls

Ames MPF Media

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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

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 Bacterial Strains

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Ames - Semisolid S. typhimurium Strains

50 µl TA98

PSS-0110

50 µl TA100

PSS-0111

50 µl TA1535

PSS-0112

50 µl TA1537

PSS-0113

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

Ames - Liquid S. typhimurium Strains

50 µl TA98

PLI-0110

50 µl TAMix

PLI-0114

Shipping: dry ice / Storage: -70°C

Ames - Semisolid E.coli Strains

50 µl E.coli WP2 *uvrA*

PSS-0115

50 µl E.coli WP2 [pKM101]

PSS-0116

50 µl E.coli WP2 UvrA[pKM101]

PSS-0119

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

Ampicillin

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50 µl Ampicillin

PAM-0001

Rat liver S9 fraction for Metabolisation

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0.4 ml Aroclor 1254 induced lyophilized rat liver S9

PRS-AC00

1 ml Aroclor 1254 induced lyophilized rat liver S9

PRS-AC01

2 ml Aroclor 1254 induced lyophilized rat liver S9

PRS-AC02

0.4 ml Phenobarbital/ β -Naphthoflavone induced lyophilized rat liver S9

PRS-PB00

1 ml Phenobarbital/ β -Naphthoflavone induced lyophilized rat liver S9

PRS-PB01

2 ml Phenobarbital/ β -Naphthoflavone induced lyophilized rat liver S9

PRS-PB02

S9-100/1537 Booster Solution

PRS-BB01

Recommended to reduce possible toxic effects of high S9 concentrations
in TA100 and TA1537

S9 Cofactor Kit for Ames MPF, Ames II

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20 ml S9-Buffer-Salts, 0.9 ml S9-G-6-P, 3.5 ml S9-NADP
1 kit is sufficient for all 1 sample kits, all 10 sample 1- and 2- strain kits
2 Cofactor kits are needed for the 10 sample 4-strain and PENTA I kits

PCO-0800

Positive Controls for Ames MPF, Ames II, umuC

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2-Nitrofluorene, 2-NF, 20 µg
2-Aminoanthracene, 2-AA, 100 µg
2-Aminoanthracene, 2-AA, 2 mg
4-Nitroquinoline-N-oxide, 4-NQO, 50 µg
N⁴-Aminocytidine, N4-ACT, 2.5 mg
9-Aminoacridine, 9-AAC, 1000 µg
2-Aminofluorene, 2AF, 10 mg

PPC-NF00

PPC-AA01

PPC-AA02

PPC-NQ02

PPC-AC02

PPC-AR05

PPC-AF10

Plastic Ware

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Plastic Ware - Large Packages

Sterile culture tubes with filter cap, 50 ml, 9 x 20 tubes
Sterile 96-well plate, 160 plates
Sterile 24-well plates, 126 plates
Sterile 384-well plates, 50 plates
Sterile reagent reservoirs, 32 x 5

PPW-1018

PPW-8100

PPW-0725

PPW-0924

PPW-1132

Analytical Services

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Service Analytics Ames II Mutagenicity	SSA-0710
Service Analytics Ames MPF 98/100	SSA-0711
Service Analytics Ames MPF PENTA I	SSA-0712
Service Analytics Ames MPF	SSA-0713
Service Analytics umuC Easy	SSA-0714
Service Analytics Cytotoxicity	SSA-0715
Service Analytics YES YAS Assay	SSA-0717

Cytotoxicity Assays

Single Parameter Kits - can be used in multiple endpoints assay	上海拜力生物科技有限公司
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LDHe Extracellular Lactate Dehydrogenase

1200 tests	KLE 96.1200
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NR Neutral Red

1200 tests	KRN 96.1200
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XTT Tetrazolium hydroxide

1200 tests	KXT 96.1200
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