



2023 Xenometrix Product Price Catalog



Mutagenicity Assays and
Cytotoxicity Screening Tools

BIOASSAYS FOR WATER TESTING | ENDOCRINE DISRUPTERS – XENOSCREEN
MUTAGENICITY – AMES MPF



Xenometrix Product Price Catalog

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Aniara Diagnostica provides labs around the world with a comprehensive offering of diagnostic and research tools. We pride ourselves on quality products, personalized service and flexible purchasing options.

Our primary mission is to help drive continual exploration and discovery throughout the medical universe, seeking new, enhanced and innovative products that ultimately result in superior healthcare and successful patient outcomes. Our support of medical research is, to that end, steadfast.

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XENOMETRIX

*For cellular toxicology screening in the
Cytotoxicity and mutagenicity fields.*

Aniara is proud to distribute for Xenometrix, by Endotell GmbH – an international Swiss leader in the field of Cytotoxicity and Mutagenicity testing. Xenometrix boasts a full line of tests designed to improve the effectiveness of drug discovery and development.

Xenometrix excels at the development of alternative mutagenicity assays and cytotoxicity tests that will help reduce hands – on time, reduce the amount of compound used for testing, decrease plastic waste, and lessen the cost of doing business. These kits can also be automation robotics systems for mass screenings.

IMPORTANT INFO

All Ames and umuC kits are delivered with bacterial strains in a semisolid medium. The semisolid strains must not be repeatedly thawed and frozen. The freezing process can cause damage.

Shipping is at ambient temperature, but the strains must be stored at -70° upon arrival. Please contact Xenometrix for further information if you have a -20° freezer only. If transport at ambient temperature is longer than 10 days, then the strains must be discarded.

The S9 Cofactor kit is not included in the Ames MPF kits. It is available separately (APCO-0800).

Ames MPF Aqua kits are for the testing of aqueous Sample such as wastewater.

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

Ames MPF 10-sample kits correspond to 480 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°C (for up to 1 month) or -20°C (> 1 month).

The experimental designs (number of does, placement of controls on the plates) may be customized according to personal needs, but only the suggested designs are supported by the calculation sheets.

Products marked "On-Demand" require minimum 4 week lead time. Please inquire.

ABBREVIATIONS

| | |
|-------------|---|
| MPF: | MicroPlate Fluctuation Assay |
| YES: | Yeast Estrogen Screen |
| YAS: | Yeast Androgen Screen |
| S1L: | Aroclor 1254 induced S9 |
| S2: | Phenobarbital/ β -Naphthoflavone (PB/BN) induced S9 |

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Bioassays For Water Testing

Aniara Diagnostica distributes Xenometrix's bioassays for water testing. All kind of environmental Sample, such as drinking, surface or waste water, sediments, air can be tested with the Ames MPF 98/100, Ames II or Ames MPF Aqua Kits. The Ames MPF Aqua has been designed to screen for mutagenic compounds of mixtures in waste water without concentrating the test sample prior to the analysis of the compound.

Bioassays For Water Testing

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|----------------------|--------------|-------------|
| RUO | AJ05-210 | Ames MPF 98/100 Aqua | 5 Sample kit | \$1,750.00 |

Endocrine Disrupters - XenoScreen

YES/YAS Components: Aniara Diagnostica distributes Xenometrix's XenoScreen YES/YAS components needed for the assays.

YES/YAS Kits: Accelerated high-sensitivity microplate assay for the detection of compounds with estrogenic and androgenic agonistic and antagonistic activities.

Endocrine Disrupters - XenoScreen

YES/YAS Components

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|------------|--------------------------------|--------------|-------------|
| RUO | AN05-230-A | XenoScreen YAS Strain | 1 vial | \$355.00 |
| RUO | AN05-230-E | XenoScreen YES Strain | 1 vial | \$355.00 |
| RUO | AN05-PMY-7 | XenoScreen YES / YAS Media Set | Kit | \$470.00 |

YES/YAS Kits

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|------------|-----------------------|---------------------------------|-------------|
| RUO | AN05-233-Y | XenoScreen YES/YAS | 4 x 96 data points | \$1,750.00 |
| RUO | AN04-233-Y | XenoScreen XL YES/YAS | 4 x 96 data points | \$1,750.00 |
| RUO | AN32-233-Y | XenoScreen XL YES | 4/32 sample kit without strains | \$580.00 |
| RUO | AN32-234-Y | XenoScreen XL YAS | 4/32 sample kit without strains | \$580.00 |

Mutagenicity and Genotoxicity Kits

The Ames MPF and Ames II assays are modified versions of the Ames test using liquid culture instead of agar plates. The assays are based on the fluctuation method cited in OECD Guideline 471 but use 384-well microtiter plates and have a colorimetric read-out. The great advantage of this format is the lower amount of sample needed and much easier handling. The Ames MPF assays use TA98 and/or TA100, TA1535, TA1537. All these test strains are recommended in the current, formal test guidelines.

The Ames II assay differs from the Ames MPF assays in that it comprises TA98 and TAMix, consisting of 6 histidine mutant Salmonella tester strains, TA7001-TA7006. Each of these mutants can be reverted only by a specific transition or transversion, so that all possible base-pair changes can be detected by TAMix. The TA700x tester strains are not included among the recommended tester strains in the currently formal test guidelines.

Xenometrix offers [practical training and in-house testing](#) of the Ames MPF and Ames II assays in its facilities in Allschwil.

Mutagenesis and Genotoxicity kits

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|--|----------------|-------------|
| RUO | APLI-0110 | Ames – Liquid Typhimurium Strain, TA98 | 50 microliters | \$235.00 |
| RUO | AM020 | Rapid MicroNucleus MoA(20 tests) | 20 slides | \$1,520.00 |
| RUO | AM100 | Rapid MicroNucleus MoA(100 tests) | 100 slides | \$5,835.00 |

umuC kits

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|------------|--------------|--------------|-------------|
| RUO | AG06-118-P | umuC Easy CS | 6 sample kit | \$1,260.00 |

Ames Assay Components

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|------------------------------|--------------|-------------|
| RUO | APRS-BB01 | S9-100/1537 Booster Solution | .05 mL | \$150.00 |

Ampicillin

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|--------------|-----------------|-------------|
| RUO | APAM-0002 | Ampicillin | 120 microliters | \$150.00 |

Bacterial Strains

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|--|-----------------------------|-------------|
| RUO | APSS-0110 | Ames – Semisolid S. Typhimurium Strains, TA98 | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0111 | Ames – Semisolid S. Typhimurium Strains, TA100 | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0112 | Ames – Semisolid S. Typhimurium Strains, TA1535 | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0113 | Ames – Semisolid S. Typhimurium Strains, TA1537 | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0114 | Ames – Semisolid S. typhimurium strains, TA97a | 250 µl after reconstitution | \$255.00 |
| RUO | APSS-0115 | Ames-Semisolid E. coli Strains - E. coli UvrA | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0116 | Ames-Semisolid E. coli Strains - E. coli pKM101 | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0119 | Ames-Semisolid E. coli Strains - E. coli WP2 UvrA | 250 µl after reconstitution | \$235.00 |
| RUO | APSS-0120 | Ames-Semisolid D. Typhimutium Strains-250 uL TA102 | 250 µl after reconstitution | \$255.00 |

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Media

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|---|----------------|-------------|
| RUO | APME-EM22 | Ames MPF E. coli Exposure Medium | 50 mL | \$115.00 |
| RUO | APME-IM31 | Ames MPF E. coli Reversion Indicator Medium | 550 mL | \$295.00 |
| RUO | APMM-EM02 | Ames MPF/Ames II Salmonella Exposure Medium | 50 mL | \$115.00 |
| RUO | APMM-EM03 | Ames MPF 10x Exposure Medium for Ames MPF Aqua Test Kit | 15 mL / 0.7 mL | \$355.00 |
| RUO | APMM-GM00 | Ames MPF/Ames II Growth Medium | 50 mL | \$115.00 |
| RUO | APMM-IM10 | Ames MPF Salmonella Reversion Indicator Medium (550 mL) | 550 mL | \$350.00 |

Positive Controls

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|---|-----------------|-------------|
| RUO | APPC-AA01 | Aminoanthracene – Positive Controls for Ames MPF, umuC (100 micrograms) | 100 micrograms | \$115.00 |
| RUO | APPC-AR05 | Aminoacridine – Positive Controls for Ames MPF, umuC (1000 micrograms) | 1000 micrograms | \$150.00 |
| RUO | APPC-NF00 | Nitrofluorene – Positive Controls for Ames MPF, umuC (20 micrograms) | 20 micrograms | \$150.00 |
| RUO | APPC-NQ02 | Nitroquinoline-N-oxide – Positive Controls for Ames MPF, umuC (20 micrograms) | 20 micrograms | \$150.00 |
| RUO | APPC-AF10 | 2-Aminofluorene – Positive Controls for Ames MPF, Ames II, umuC | 1 x 10 mg | \$235.00 |
| RUO | APPC-AC02 | N4-Aminocytidine – Positive Control for Ames MPF, umuC | 1 x 1.5 mg | \$295.00 |

Rat Liver S9

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|--|--------------|-------------|
| RUO | APRS-AC01 | Ames Rat Liver S9 (Lyophilized), 1254 Aroclor, 1 mL | 1 mL | \$210.00 |
| RUO | APRS-AC02 | Ames Rat Liver S9 (Lyophilized), 1254 Aroclor, 2 mL | 2 mL | \$240.00 |
| RUO | APRS-PB00 | Ames Rat Liver S9 (Lyophilized), PB/BN Induced, (0.4 mL) | 0.4 mL | \$110.00 |
| RUO | APRS-PB01 | Ames Rat Liver S9 (Lyophilized), PB/BN Induced, (1 mL) | 1 mL | \$150.00 |
| RUO | APRS-PB02 | Ames Rat Liver S9 (Lyophilized), PB/BN Induced, (2 mL) | 2 mL | \$235.00 |

S9 Cofactor

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-----------|------------------------------|--------------|-------------|
| RUO | APCO-0800 | S9 Cofactor Kit for Ames MPF | 20 mL | \$295.00 |

Ames Assay Kits

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|---------------|--|---------------|-------------|
| RUO | AA01-210-S1-P | Ames MPF 98/100 - with S9 and Positive Controls | 1 Sample Kit | \$935.00 |
| RUO | AA01-210-S2-P | Ames MPF 98/100 - with S9 and Positive Controls | 1 Sample Kit | \$935.00 |
| RUO | AA10-210 | Ames MPF 98/100 | 10 Sample Kit | \$3,035.00 |
| RUO | AA10-210-S1-P | Ames MPF 98/100 - with S9 and Positive Controls | 10 Sample Kit | \$3,740.00 |
| RUO | AA10-210-S2-P | Ames MPF 98/100 - with S9 and Positive Controls | 10 Sample Kit | \$3,740.00 |
| RUO | AB01-513-S1-P | Ames MPF Penta 2 – with S9 and Positive Controls | 1 Sample Kit | \$2,160.00 |
| RUO | AB01-513-S2-P | Ames MPF Penta 2 – with S9 and Positive Controls | 1 Sample Kit | \$2,160.00 |
| RUO | AB10-513 | Ames MPF Penta 2 | 10 Sample Kit | \$6,655.00 |
| RUO | AB10-513-S1-P | Ames MPF Penta 2 – with S9 and Positive Controls | 10 Sample Kit | \$8,055.00 |
| RUO | AB10-513-S2-P | Ames MPF Penta 2 – with S9 and Positive Controls | 10 Sample Kit | \$8,055.00 |
| RUO | AC01-512-S1-P | Ames MPF PENTA I - with S9 & Positive Controls | 1 Sample Kit | \$2,160.00 |
| RUO | AC01-512-S2-P | Ames MPF PENTA I - with S9 & Positive Controls | 1 Sample Kit | \$2,160.00 |
| RUO | AC10-512 | Ames MPF PENTA I | 10 Sample Kit | \$6,770.00 |
| RUO | AC10-512-S1-P | Ames MPF PENTA I - with S9 & Positive Controls | 10 Sample Kit | \$8,055.00 |
| RUO | AC10-512-S2-P | Ames MPF PENTA I - with S9 & Positive Controls | 10 Sample Kit | \$8,055.00 |
| RUO | AJ05-210 | Ames MPF 98/100 Aqua | 5 Sample Kit | \$1,750.00 |
| RUO | AE10-213 | Ames II | 10 Sample Kit | \$3,390.00 |
| RUO | AE10-213-S1-P | Ames II – With S9 and Positive Controls | 10 Sample Kit | \$4,085.00 |
| RUO | AE10-213-S2-P | Ames II – with S9 and Positive Controls | 10 Sample Kit | \$3,970.00 |

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Cytotoxicity

Cytotoxicity

Cytotoxicity XTT, Neutral Red Assays

| Clearance | Reference | Product Name | Presentation | Price (USD) |
|---------------------|-------------|--|--------------------------------|-------------|
| RUO | AKXT96-1200 | XTT Tetrazolium Hydroxide - 1200 Tests | 1200 Tests without microplates | \$580.00 |

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