



**TRINOVA**BIOCHEM

European Distributor of **MOLTOX**<sup>®</sup>

## **GENETIC TOXICOLOGY**

Quality Products for *in vitro* and Genetic Toxicology

**PRODUCT LIST 2019**



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TRINOVA BIOCHEM is the European distributor of MOLTOX® (USA), offering a complete family of products for the conduct of genetic toxicity assays with emphasis on microbial mutagenicity.

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## ► S9 AND METABOLIC ACTIVATION PRODUCTS

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
11-01L.1	S9 SD rat liver Aroclor in KCl	lyophilized	-20°C	1.1 ml/vial
11-01L.2	S9 SD rat liver Aroclor in KCl	lyophilized	-20°C	2.1 ml/vial
11-101.1	S9 SD rat liver Aroclor in KCl	frozen	-80°C	1 ml/vial
11-101.2	S9 SD rat liver Aroclor in KCl	frozen	-80°C	2 ml/vial
11-101.5	S9 SD rat liver Aroclor in KCl	frozen	-80°C	5 ml/vial
11-102.5	S9 SD rat liver uninduced in KCl	frozen	-80°C	5 ml/vial
11-105.1	S9 SD rat liver Phenobarbital/Benzoflavone in KCl	frozen	-80°C	1 ml/vial
11-105.2	S9 SD rat liver Phenobarbital/Benzoflavone in KCl	frozen	-80°C	2 ml/vial
11-105.5	S9 SD rat liver Phenobarbital/Benzoflavone in KCl	frozen	-80°C	5 ml/vial
11-115.5	S9 SD rat liver Ethanol in KCl	frozen	-80°C	5 ml/vial
11-401.3L	MUTAZYME™ 30% S9 Mix, SD rat liver Aroclor	lyophilized	-20°C	3.25 ml/vial
11-401.6L	MUTAZYME™ 30% S9 Mix, SD rat liver Aroclor	lyophilized	-20°C	6.5 ml/vial
11-402L	MUTAZYME™ 10% S9 Mix, SD rat liver Aroclor	lyophilized	-20°C	20 ml/vial
11-403L	MUTAZYME™ 5% S9 Mix, SD rat liver Aroclor	lyophilized	-20°C	20 ml/vial
11-404L	MUTAZYME™ 10% S9 Mix, SD rat liver PB/BNF	lyophilized	-20°C	20 ml/vial
11-405L	MUTAZYME™ 5% S9 Mix, SD rat liver PB/BNF	lyophilized	-20°C	20 ml/vial
12-107.2	S9 F344 rat liver Aroclor in KCl	frozen	-80°C	2 ml/vial
14-103.5	S9 Human liver pooled	frozen	-80°C	5 ml/vial
14-201.1	Microsomes Human liver pooled	frozen	-80°C	1 ml/vial
15-03S.5	S9 GS hamster Aroclor in KCl for modified Ames test	frozen	-80°C	5 ml/vial
15-104.5	S9 GS hamster uninduced in KCl	frozen	-80°C	5 ml/vial
18-101.01	Microsome SD rat liver Aroclor	frozen	-80°C	0.1ml/vial
PRT-S9-C-05	S9 Rainbow trout liver - controlled acc. OECD (20mg/ml)	frozen	-80°C	0.5ml/vial
PRT-S9-1	S9 Rainbow trout liver - 20mg/ml	frozen	-80°C	1ml/vial
PRT-MIC-1	Microsomes Rainbow trout liver	frozen	-80°C	1ml/vial

S9 Mouse - Please ask for availability!!



**► NADPH REGENERATING SYSTEM REAGENTS**

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
60-200.15	NADPH Regensys™ A		2-8°C	15 ml
60-200.50	NADPH Regensys™ A		2-8°C	50 ml
60-201.15L	NADPH Regensys™ B	lyophilized	-20°C	15 ml
60-201.5L	NADPH Regensys™ B	lyophilized	-20°C	50 ml
60-203.1	Glucose-6-Phosphate		RT	2 g

**► PREPARED BACTERIOLOGICAL MEDIA / AGAR PLATES**

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
21-100	Nutrient Agar plates Oxoid #2		RT	20/sleeve
21-199	EC TRI PC™ VBE plates		2-8°C	5/sleeve
21-200	ST QUAD PC™ plates		2-8°C	5/sleeve
31-600	Phenotype Test Kit	6-well plates & antibiotic discs	2-8°C	6 plates
21-201	Ampicillin Master plates		2-8°C	5/sleeve
21-202	Ampicillin/Tetracycline Master plates		2-8°C	5/sleeve
21-203	His/Bio Master plates	30 ml/dish	RT	10/sleeve
21-40S296	Phenotype Confirmation plates	6-well plates	2-8°C	2/sleeve
21-40S10	Minimal Glucose Agar plates, 0.4% Glucose	25 ml/dish	RT	500/sleeve
21-400.2	Minimal Glucose Agar plates	30 ml/dish	RT	20/sleeve
21-400.5	Minimal Glucose Agar plates	30 ml/dish	RT	500/case
21-40S19	Minimal Glucose Agar plates	6-well plates	RT	2/sleeve
21-40S294	Minimal Glucose Agar plates	24-well plates	2-8°C	2/sleeve
21-40S21	Minimal Glucose Agar plates	25 ml/dish	RT	500/case
CM-526-EA	Bacto Agar		RT	454g

**► PREPARED TOP AGAR / MEDIA / BUFFER**

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
26-300	Phenotype Test Packet		2-8°C	4/pk
26-501.300	Top Agar 0,7%		RT	300 ml
26-502.300	Top Agar, L-Tryptophan		RT	300 ml
26-503.100	Top Agar, Histidine/Biotin		RT	100 ml
26-503.300	Top Agar, Histidine/Biotin		RT	300 ml
26-721.1	Top Agar, 0.05mM His/Bio/Tryp		RT	100 ml
26-505.100	Nutrient broth Oxoid #2		RT	100 ml
26-505.300	Nutrient broth Oxoid #2		RT	300 ml
26-510.039A	Phosphate buffer		RT	100 ml
26-510.047A	Phosphate buffer		RT	500 ml
26-511	Glucose-6-phosphate		-20°C	2 ml
26-512	MgCl <sub>2</sub> /KCl solution		RT	20 ml

**► REAGENTS**

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
26-550.039A	50X VBE	non-sterile	RT	100 ml
26-550.047A	50X VBE	non-sterile	RT	500 ml
26-551.047A	40% D-Glucose	sterile	RT	500 ml
26-700.039A	Histidine/Biotin solution	0.5 mM, sterile	2-8°C	100 ml
26-701.1	L-Tryptophan solution	0.5 mM, sterile	2-8°C	100 ml
26-702	Biotin solution	0.5 mM, sterile	2-8°C	100 ml
26-804	Ampicillin solution	8 mg/ml, sterile	2-8°C	10 ml
26-805	Tetracycline solution	0.8 mg/ml, sterile	2-8°C	10 ml
26-809	Crystal Violet discs		RT	10 discs/vial



► **CONTROLCHEM™ (CC) PRODUCTS**

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
60-100	CC Mitomycin C	5 µg/vial	2-8°C	5/pack
60-101	CC ICR191	10 µg/vial	2-8°C	5/pack
60-102	CC Daunomycin	60 µg/vial	2-8°C	5/pack
60-103	CC Sodium azide	15 µg/vial	2-8°C	5/pack
60-104	CC 2-Aminofluorene	100 µg/vial	2-8°C	5/pack
60-107	CC 2-Aminoanthracene	100 µg/vial	2-8°C	5/pack
60-108	CC Methylmethanesulfonate	25 µl/vial	2-8°C	5/pack
60-111	CC 2-Nitrofluorene	20 µg/vial	2-8°C	5/pack
60-113	CC Cyclophosphamide	1 mg/vial	2-8°C	5/pack
60-114	CC Benzo(a)pyrene	200 µg/vial	2-8°C	5/pack
60-115	CC EMS	20 mg/vial	2-8°C	5/pack
60-118	CC Cytochalasin-B	150 µl /vial	-20°C	5/pack
60-120	CC Sodium azide	200 µg/vial	2-8°C	5/pack
60-121.1	CC 4-NQO	50 µg/vial	2-8°C	5/pack
60-122	CC Danthron	500 µg/vial	-20°C	5/pack
60-147	CC 9-Aminoacridine HCl	1 mg/vial	2-8°C	5/pack

► **BACTERIAL STRAINS**

CATALOG NO.	DESCRIPTION		STORAGE	SIZE
<b>STDisc™ - Salmonella typhimurium strains</b>				
71-097L	STDisc TA97a	lyophilized	2-8°C	10 discs/vial
71-098L	STDisc TA98	lyophilized	2-8°C	10 discs/vial
71-100L	STDisc TA100	lyophilized	2-8°C	10 discs/vial
71-102L	STDisc TA102*	lyophilized	2-8°C	10 discs/vial
71-1535L	STDisc TA1535	lyophilized	2-8°C	10 discs/vial
71-1537L	STDisc TA1537	lyophilized	2-8°C	10 discs/vial
71-1538L	STDisc TA1538	lyophilized	2-8°C	10 discs/vial
<b>ECDisc™ - Echerichia coli strains</b>				
72-002L	ECDisc WP2 <i>trp</i> , <i>pKM101</i>	lyophilized	2-8°C	10 discs/vial
72-003L	ECDisc WP2 <i>trp</i> , <i>uvrA pKM101</i>	lyophilized	2-8°C	10 discs/vial
72-187L	ECDisc WP2 <i>trp</i>	lyophilized	2-8°C	10 discs/vial
72-188L	ECDisc WP2 <i>trp</i> , <i>uvrA</i>	lyophilized	2-8°C	10 discs/vial
73-1535PSK	PTM™ Salmonella typhimurium TA1535/pSK1002*		-80°C	1 vial

Salmonella typhimurium strains are for use in the bacterial mutagenesis assay described by Maron and Ames<sup>1</sup>. S. typhimurium TA1535/pSK1002 described by Oda et al.<sup>2</sup> is for use in the SOS/UMU-test as described by Reifferscheid, G, et al.<sup>3</sup>.

Escherichia coli strains (WP2 derivatives) are for use in the bacterial mutagenesis assay as described by Green and Muriel<sup>4</sup>.

Bacterial strains S. typhimurium and E. coli are lyophilized and stabilized and for use as culture inoculum.

Please note:

The bacterial strains contained in STDiscs™ and ECDiscs™ are potential etiologic agents and are intended for use only by those skilled in the safe handling of potentially infectious agents.



**▶ AMES PLATE INCORPORATION ASSAY KITS**

CAT.-NO.	DESCRIPTION	SIZE
31-500	<b>µAmes Bacterial Mutation Test Kit</b> <ul style="list-style-type: none"><li>▪ Lyophilized strains Salmonella TA98, TA100, TA1535, TA1537 and E. coli WP2 <i>trp</i>, <i>uvrA</i></li><li>▪ 10% S9 Mix (MUTAZYME™) lyophilized</li><li>▪ 24-well plates with Minimal 0.4% Glucose Agar</li><li>▪ CONTROLCHEM™ pre-weighted positive control chemicals: Sodium azide, 9-Aminoacridine, 2-Nitrofluorene, 4-Nitroquinoline-1-oxide, 2-Aminoanthracene, Benz(a)pyrene</li><li>▪ Nutrient broth, Phosphate buffer, Top Agar His/Bio/Tryp</li><li>▪ Phenotype confirmation plates and 4 types of antibiotic discs</li><li>▪ Spectrometer cuvettes, sterile 50 ml tubes, sterile microfuge tubes and loops</li><li>▪ Application and instruction manual</li></ul> <p>Each kit contains more than enough reagents to test one chemical at 8 dose levels in triplicate, with and without S9 with concurrent positive (in triplicate) and solvent/vehicle (12 replicate wells) on one occasion of testing. It may be used with any E. coli or Salmonella tester strains including TA97a and TA102, if required. Additional 24-well plates for larger experiments can be purchased separately.</p>	1 sample kit
31-100.2	<b>Salmonella Mutagenicity Complete Test Kit</b> <ul style="list-style-type: none"><li>▪ STDisc™ TA98, TA100, TA1535, TA1537 (10 discs per strain/vial)</li><li>▪ Lyophilized S9, Aroclor induced (2 vials/2,1 ml), optional: PB/BNF induced S9</li><li>▪ NADPH Regensys™ (50 ml Regensys A &amp; 50 ml Regensys B)</li><li>▪ CONTROLCHEM™ Mitomycin C, ICR191, Daunomycin, Sodium azide &amp; 2-Aminoanthracene</li><li>▪ Nutrient broth, Top Agar Histidine/Biotin, ST Quad PC™ plates</li><li>▪ Minimal Glucose Agar (MGA) plates (160 dishes), Nutrient Agar plates (20 dishes)</li><li>▪ Application and instruction manual</li></ul> <p>Includes the materials needed to perform the Ames Mutagenicity Plate Incorporation assay.</p>	1 sample kit
31-101	<b>E. coli Mutagenicity Complete Test Kit</b> <ul style="list-style-type: none"><li>▪ ECDisc™ WP2 <i>trp</i> and WP2 <i>trp</i>, <i>uvrA</i> (10 discs per strain/vial)</li><li>▪ Lyophilized S9, Aroclor induced (2 vials/2,1 ml), optional: PB/BNF induced S9</li><li>▪ NADPH Regensys™ (15 ml Regensys A &amp; 15 ml Regensys B)</li><li>▪ CONTROLCHEM™ Methyl-Methanesulfonate &amp; 2-Aminoanthracene</li><li>▪ Nutrient broth, Top Agar L-Tryptophan, EC TRI PC™ plates</li><li>▪ Minimal Glucose Agar (MGA) plates (80 dishes), Nutrient Agar plates (20 plates)</li><li>▪ Application and instruction manual</li></ul> <p>Similar to the Salmonella Mutagenicity Complete Test Kit but with E. coli WP2 strains (<i>trp</i> / <i>trp</i>, <i>uvrA</i>).</p>	1 sample kit



► **MICROTITER FLUCTUATION ASSAY KITS**

CAT.-NO.	DESCRIPTION	SIZE	PRICE
31-300	<b>Moltox FT™ TA98/TA100 Mutagenicity Assay Kit</b> <ul style="list-style-type: none"> <li>▪ STDisc™ TA98 and TA100 (2 discs per strain/vial)</li> <li>▪ FT™ Growth medium, FT™ Exposure medium, FT™ Reversion Indicator medium</li> <li>▪ Ampicillin, 55 mg/vial</li> <li>▪ MUTAZYME™ 30% S9 Mix, Aroclor induced SD rat liver, 3.25 ml, lyophilized</li> <li>▪ Positive controls: 2-Aminoanthracene, 4-Nitroquinoline-N-oxide, 2-Nitrofluorene</li> <li>▪ User instructions</li> </ul> <p>Reagents provided are sufficient to perform 3 test materials with no replicates or 1 sample in triplicate, +/- S9 at various concentrations (<math>\leq 6</math>), positive controls and solvent (negative control).</p>	1 sample kit	
31-301	<b>Moltox FT™ 471 Mutagenicity Assay Kit</b> <ul style="list-style-type: none"> <li>▪ STDiscs™ TA98, TA100, TA1535, TA1537 and ECDisc™ WP2 <i>trp</i>, <i>uvrA</i>, <i>pKM101</i> (2 x 2 discs/vial each)</li> <li>▪ FT™ Growth medium, FT™ Exposure medium, FT™ Reversion Indicator medium (2 x 500 ml)</li> <li>▪ Ampicillin, 55 mg/vial</li> <li>▪ MUTAZYME™ 30% S9 Mix, Aroclor induced SD rat liver, 6.5 ml, lyophilized</li> <li>▪ Positive controls: 2-Aminoanthracene, 4-Nitroquinoline-N-oxide, N4-Aminocytidine, 2-Nitrofluorene, 9-Aminoacridine-hydrochloride</li> </ul> <p>Reagents provided are sufficient to analyze 1 sample in triplicate with all 6 strains in the presence and absence of S9 at various concentrations (<math>\leq 6</math>), positive controls and solvent (negative control).</p>	1 sample kit	
31-302	<b>Moltox FT™ E. coli Mutagenicity Assay Kit</b> <ul style="list-style-type: none"> <li>▪ ECDisc™ WP2 <i>trp</i>, <i>pKM101</i> and ECDisc™ WP2 <i>trp</i>, <i>uvrA</i>, <i>pKM101</i> (2 discs/vial each)</li> <li>▪ FT™ Growth medium, FT™ Exposure medium, FT™ Reversion Indicator medium</li> <li>▪ Ampicillin 55 mg/vial</li> <li>▪ MUTAZYME™ 30% S9 Mix, Aroclor induced SD rat liver, 3.25 ml, lyophilized</li> <li>▪ Positive controls: 2-Aminoanthracene, 4-Nitroquinoline-N-oxide</li> <li>▪ User instruction</li> </ul> <p>Reagents provided are sufficient to test 1 sample in triplicate (or 3 samples with no replicate), +/- S9 at various concentrations (<math>\leq 6</math>), positive controls and solvent (negative control).</p>	1 sample kit	

► **BioReliance® AMES II™ MUTAGENICITY ASSAY**

CAT.-NO.	DESCRIPTION	SIZE	PRICE
32-102	<b>Ames II™ Mutagenicity Assay Kit by BioReliance®</b> <ul style="list-style-type: none"> <li>▪ STDisc™ TA98 discs and TAMix (mixture of strains TA7000 through TA7006) (2 discs/vial each)</li> <li>▪ Growth media, Exposure media, Indicator media</li> <li>▪ Ampicillin, sterile</li> <li>▪ Mutazyme™ 30% S9 Mix for Ames II™ kits, Aroclor induced SD rat liver, lyophilized</li> <li>▪ Positive controls: 2-Nitrofluorene, 4-Nitroquinoline-N-oxide, 2-Aminoanthracene</li> <li>▪ Software disc and instruction manual</li> </ul> <p>Reagents provided are sufficient to test 1 sample in triplicate (or 3 samples with no replicate), +/- S9 at various concentrations (<math>\leq 6</math>), positive controls and solvent (negative control).</p>	1 sample kit	

32-30001	<b>Plastic Ware</b> for Moltox FT™ Mutagenicity Assay Kits or BioReliance Ames II™ Mutagenesis Assay	1 set	
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► **UMU GENOTOXICITY TEST KIT**

CAT.-NO.	DESCRIPTION	SIZE
31-400*	<b>Moltox UMU Genotoxicity Test Kit</b>	1 sample kit
	<ul style="list-style-type: none"> <li>▪ PTM™ Salmonella typhimurium TA1535/pSK1002* (2 vials)</li> <li>▪ TGA culture medium, Ampicillin, B-buffer, Stop reagent, ONPG, 2-Mercaptoethanol</li> <li>▪ MUTAZYME™ 30% S9 Mix, Aroclor induced SD rat liver, 3.25 ml, lyophilized</li> <li>▪ Positive controls: 2-Aminoanthracene, 4-Nitroquinoline-N-oxide</li> <li>▪ User instruction</li> </ul> <p>According to ISO 13829            Reagents provided are sufficient to test 3 test materials with no replicates or 1 sample in triplicate, +/- S9 at various concentrations (<math>\leq 6</math>), positive controls and solvent (negative control).            Consists of materials to perform the UMU genotoxicity assay described by Reifferscheid, G. et al.<sup>3</sup>.            Salmonella strain for use in the SOS/UMU-Test is described by Oda, Y. et al.<sup>2</sup>.</p>	

► **INDIVIDUAL COMPONENTS for MOLTOX FT™ and UMU GENOTOXICITY ASSAYS**

CATALOG NO.	DESCRIPTION	STORAGE	SIZE
11-401.3L	30% Mutazyme™ S9 Mix for Moltox FT™ und UMU Kits	-20°C	3.25 ml
11-401.6L	30% Mutazyme™ S9 Mix for Moltox FT™ and UMU Kits	-20°C	6.50 ml
22-147	Ampicillin	2-8°C	50 mg
26-710.05	Moltox FT™ Exposure medium	RT	50 ml
26-710.1	Moltox FT™ Exposure medium	RT	100 ml
26-710.25	Moltox FT™ Exposure medium	RT	250 ml
26-711.3	Moltox FT™ Reversion Indicator medium	RT	300 ml
26-711.5	Moltox FT™ Reversion Indicator medium	RT	500 ml
26-712.05	Moltox FT™ Growth medium	RT	50 ml
26-712.1	Moltox FT™ Growth medium	RT	100 ml
26-712.25	Moltox FT™ Growth medium	RT	250 ml
26-714.1	TGA-Culture medium	RT	100 ml
26-715	10X TGA-Culture medium	RT	10 ml
26-716	B-buffer	RT	35 ml
26-718	Stop reagent	RT	30 ml
22-148	ONPG	-20°C	4.95 mg/vial
22-149	2-Mercaptoethanol	RT	100 µl
60-157	2-Aminoanthracene	2-8°C	100 µg/vial
60-157.2	2-Aminoanthracene	2-8°C	2 mg/vial
60-158	9-Aminoacridine-HCl	2-8°C	500 µg/vial
60-159	4-Nitroquinoline-N-oxide	2-8°C	50 µg/vial
60-160	N4-Aminocytidine	2-8°C	2.5 mg/vial
60-161	2-Nitrofluorene	2-8°C	50 µg/vial
60-163	4-Nitroquinoline-N-oxide	2-8°C	12.5 µg/vial
60-164	2-Aminoanthracene	2-8°C	50 µg/vial
71-098.2L	STDisc™ TA098 discs, lyophilized	2-8°C	2 discs/vial
71-100.2L	STDisc™ TA100 discs, lyophilized	2-8°C	2 discs/vial
71-1535.2L	STDisc™ TA1535 discs, lyophilized	2-8°C	2 discs/vial
71-1537.2L	STDisc™ TA1537 discs, lyophilized	2-8°C	2 discs/vial
72-002.2L	ECDisc™ E. coli WP2 <i>trp</i> , <i>pKM101</i> , lyophilized	2-8°C	2 discs/vial
72-003.2L	ECDisc™ WP2 <i>trp</i> , <i>uvrA</i> , <i>pKM101</i> , lyophilized	2-8°C	2 discs/vial
72-188.2L	ECDisc™ WP2 <i>trp</i> , <i>uvrA</i> , lyophilized	2-8°C	2 discs/vial
73-1535PSK	PTM™ Salmonella typhimurium TA1535/pSK1002*	-80°C	1 vial

► **AMES II™ INDIVIDUAL COMPONENTS**

CATALOG NO.	DESCRIPTION	STORAGE	SIZE
32-71098	TA98 discs	2-8°C	2 discs/vial
32-71001	TAMix discs	2-8°C	2 discs/vial
32-26001	Exposure medium	2-8°C	100 ml
32-26003	Growth medium	RT	100 ml
32-26005	Indicator medium	2-8°C	300 ml
32-26007	Ampicillin, frozen	-20°C	50 mg
32-60107	2-Aminoanthracene	2-8°C	125 µg
32-60111	2-Nitrofluorene	2-8°C	100 µg
32-60127	4-Nitroquinoline-N-oxide	2-8°C	50 µg
11-401.3L	30% Mutazyme™ S9 Mix for Ames II™ Kits	-20°C	3.25 ml

Ames II™ is a brand of BioReliance®. Components are produced by MOLTOX®.

Bacterial strains *S. typhimurium* are lyophilized and stabilized. For use as culture inoculum. Storage 2-8°C.

Please ask for customized high throughput screening materials!

<sup>1</sup> Maron D., Ames B. Revised methods for the *Salmonella* mutagenicity test. *Mutation Research* 113(3-4):173-215, 1983.

<sup>2</sup> Oda Y., Nakamura S., Oki I., Kato T., Shinagawa H. Evaluation of the new system (*umu-test*) for the detection of environmental mutagens and carcinogens. *Mutation Research* 147(5):219-29, 1985.

<sup>3</sup> Reifferscheid, G, et al. A microplate version of the SOS/*umu-test* for rapid detection of genotoxins and genotoxic potentials of environmental samples, *Mutation Research*, 253:215-222, 1991.

<sup>4</sup> Green M.H., Muriel W.J. Mutagen testing using TRP+ reversion in *Escherichia coli*. *Mutation Research* 38(1):3-32, 1976.

\* according to the German "Gentechnikgesetz" TA102 and TA1535/pSK1002 have been classified as "genetically modified organism" (GMO/GVO) of risk group 1 / BSL1. Please check for appropriate regulations in your country!



#### More from MOLTOX®

Trinova Biochem GmbH is the European Distributor of MOLTOX®. The above list is representative of the products we have on stock in Europe. For more, please visit [www.moltox.com](http://www.moltox.com).

The products are used by researchers and industrial microbiologists in the fields of genetic and in vitro toxicology and additional metabolic studies.

MOLTOX® welcomes the opportunity to provide you with custom formulations of S9, prepared bacteriological media and top agars. Preparation of these items in house can be costly and time consuming. Our labs provide a lower cost, on time solution.

In addition, each of our products are accompanied by GLP-compliant production & formulation and quality assurance certificates. Your assurance of quality and performance.

#### Prices

All price quotations are in Euro and purely net, excluding dispatch/shipping costs and legally-required value-added tax (VAT).

#### Shipping

Trinova Biochem GmbH is an AEO certified company.

All dry ice and blue ice shipments will be made Monday through Wednesday within 1-2 days usually. All other items may be shipped Monday through Thursday.

Transportation of frozen shipments (Frozen S9) within Europe are to be done by TNT unless otherwise requested. Packing charges (incl. dry ice and the fees for the dangerous good dry ice) apply to dry and blue ice shipments. Cost of cold shipments (lyophilized S9, NADPH, strains, media, controls, etc.) are depending on weight and volume. Room temperature shipments may be shipped within 2-4 days.

Please contact our office for details.

#### Microbiology Line

Nutrient, selective and enrichment media used in industrial, environmental and molecular biology are available as well or manufactured to your specifications - in MOLTOX® quality! Please have a look at our website.

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