

Catalogo EBPI 2016

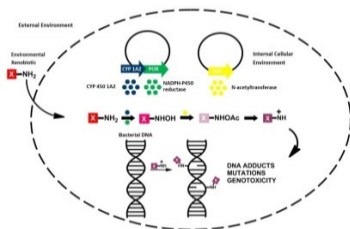
Rev. 02 mu/rc

Ames-Express™ Kits 2016

Ames-Express™ MOD ISO 96 well format Basic Kits

Kit	Strains	Codice	Descrizione
Ames-Express P450 1A1	EBP 66	EXP5041-1A1	1 vial of bacteria 1 set of reagents plastics for 12 96-well plates
Ames-Express P450 1A2	EBP 777 EBP 59 EBP 17	EXP5041-1A2	1 vial of bacteria 1 set of reagents plastics for 12 96-well plates
Ames-Express P450 2E1	EBP 87	EXP5041-2E1	1 vial of bacteria 1 set of reagents plastics for 12 96-well plates
Ames-Express P450 3A4	EBP 10	EXP5041-3A4	1 vial of bacteria 1 set of reagents plastics for 12 96-well plates
Ames-Express GST T1-1	EBP 888 EBP 204	EXP5041-GST	1 vial of bacteria 1 set of reagents plastics for 12 96-well plates

- € Ames-Express™ MOD ISO Kits accommodate negative and positive controls, sterility controls and up to 6 dilutions run in triplicate for each sample (12 plates per sample, 48 well format).
- € Plate configurations can be changed depending on user preferences
- € Each kit comes with reagents individually packed to increase shelf life
- € Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly for growth and dispensing
- € All necessary reagents for proper enzyme expression will be included with each Ames-Express™ strain.
- € Refer to table below for Ames-Express™ strain identity and mutation type



Ames-Express™ Kits 2016

Ames-Express™ MOD ISO 96 well format Combination Kits

Kit	Strains	Codice	Descrizione
Ames-Express Bacterial Strain Kit	Any 2 Ames-Exp	EXP5041-2BS	2 Ames-Express Bacterial strains 2 sets of reagents plastics for 24 96-well plates
Ames-Express Combo Kit	1 Traditional 1 Ames-Exp	EXP5041-COMB	1 traditional bacterial strain (TA98 or TA100) 1 Ames-Express bacterial strain 2 sets of reagents plastics for 24 96-well plates
Ames-Express 5 Strain Kit	Any 5 Ames-Exp	EXP5041-OECD	5 Ames-Express bacterial strains 5 sets of reagents plastics for 60 96-well plates

Ames-Express DBP Kit	P450 2E1 GST T1-1	EXP5041-DBP	2 Ames-Express Bacterial strains 2 sets of reagents plastics for 24 96-well plates
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Express enzymes for this kit are specific for many disinfection byproducts from drinking water sterilization processes. GST enzymes are ideal for halogenated organics and P450 2E1 is sensitive to nitrosamines.

Ames-Express PAH kit	P450 1A1 P450 1A2	EXP5041-PAH	2 Ames-Express Bacterial strains 2 sets of reagents plastics for 24 96-well plates
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Express enzymes for this kit are specific for polyaromatic hydrocarbons. P450 1A1 metabolizes polycyclic benzene derivatives to reactive species and P450 1A2 activates aromatic amines and nitroaromatics. Sensitive detection and activation of PAHs from industrial emissions, cigarette smoke, oil and gas contamination, air quality monitoring and natural resource extraction.

Ames-Express Pharma Kit	P450 1A2 P450 3A4	EXP5041-PHARM	2 Ames-Express Bacterial strains 2 sets of reagents plastics for 24 96-well plates
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Express enzymes for this kit metabolize many common drugs and natural toxins and have demonstrated important inhibitory interactions with several common pharmaceuticals (CYP 1A2 and CYP 3A4). Ideal for investigating mutagenic effects from drug mixtures in waste water and pharmaceutical metabolites in aquatic organisms.

Strain	Mutation Type	Type of Reversion mutation	Standard mutagen	Comments
Internal Bioactivation strain (<i>Salmonella typhimurium</i>): Histidine dependent				

EBP 777	<i>hisG46</i>	Frameshift	2-AA	Modified TA1538 that expresses human P450 1A2 enzyme
EBP 17	<i>hisG46</i>	Base-Pair substitution	2-AA	Modified TA100 that expresses human P450 1A2 enzyme
EBP 59	<i>hisD3052</i>	Frameshift	2-AA	Modified TA98 that expresses human P450 1A2 enzyme
EBP 87	<i>his G46</i>	Base-Pair substitution	DEN	Modified YG7108 that expresses human P450 2E1 enzyme and lacks methyltransferase
EBP 66	<i>his G46</i>	Base-Pair substitution	B[a]P	Modified TA100 that expresses human P450 1A1 enzyme
EBP 10	<i>hisG46</i>	Base-Pair substitution	9-AC	TA1535 that expresses human P450 3A4 enzyme

Internal Bioactivation Human GSTT1-1 expression (*Salmonella typhimurium*): Histidine dependent

EBP 888	<i>hisG46</i>	Base-pair substitution	EDB	Modified TA1535 that expresses
EBP 204	<i>hisG46</i>	Base-pair substitution	EDB	Modified TA100 that expresses human GST T1-1 enzyme .



Muta-ChromoPlate™ 2016

Muta-ChromoPlate 1 Bacteria Kits (1 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Muta-ChromoPlate Basic	5051-1SP	1	1 vial of bacteria 1 set of reagents Plastics for 12 96-well plates
Muta-ChromoPlate Basic w S9	5051S9-1SP	1	1 vial of bacteria 2 sets of reagents S9 activation for 1 sample Plastics for 24 96-well plates
Muta-ChromoPlate Basic 5-sample kit	5051-5SP	5	2 vials of bacteria 5 sets of reagents Plastics for 60 96-well plates
Muta-ChromoPlate Basic w S9 5-sample kit	5051S9-5SP	5	2 vials of bacteria 10 sets of reagents S9 Activation for 5 samples Plastics for 120 96-well plates

- € Muta-ChromoPlate Kits accommodate negative and positive controls, sterility controls and three dilution levels run in triplicate for each sample (12 plates per sample).
- € Plate configurations can be changed depending on user preferences
- € Each kit comes with reagents individually packed to increase shelf life
- € Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly for growth and dispensing
- € All necessary enzyme preparations, cofactors, buffers and standards are included with the S9 activation kit. EBPI recommends concurrent testing of each sample with and without S9 activation.



**Muta-ChromoPlate™ 2016
Reagents and Bacteria ONLY**

Muta-ChromoPlate 1 Bacteria Kits (1 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Muta-ChromoPlate Basic	5051-1S	1	1 vial of bacteria 1 set of reagents
Muta-Chromoplate Basic w S9	5051S9-1S	1	1 vial of bacteria 2 sets of reagents S9 activation for 1 sample
Muta-ChromoPlate Basic 5-sample kit	5051-5S	5	2 vials of bacteria 5 sets of reagents
Muta-ChromoPlate Basic w S9 5-sample kit	5051S9-5S	5	2 vials of bacteria 10 sets of reagents S9 Activation for 5 samples

- € Muta-ChromoPlate™ kits accommodate negative and positive controls, sterility controls and three
- € Plate configurations can be changed depending on user preferences
- € Each kit comes with reagents individually packed to increase shelf life
- € Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly
- € Enzyme preparations, cofactors, buffers and standards are included with the S9 activation kit. EBPI
- € Reagent Only kits include bacteria, reagents, standards and protocols but no plastics. Shipping charges are also less with these kits. Sterile plastics are still required but can be purchased separately



Muta-ChromoPlate 2016

Muta-ChromoPlate 2 Bacteria Kits (2 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Muta-ChromoPlate Bacterial Strain	B5051-1SP	1	2 vials of bacteria 1 set of reagents Plastics for 24 96-well plates
Muta-Chromoplate Bacterial Strain w S9	B5051S9-1SP	1	2 vials of bacteria 2 sets of reagents S9 activation for 1 sample Plastics for 48 96-well plates
Muta-Chromoplate Bacterial Strain 5-sample kit	B5051-5SP	5	4 vials of bacteria 5 sets of reagents Plastics for 120 96-well plates
Muta-ChromoPlate Bacterial Strain w S9 5-sample kit	B5051S9-5SP	5	4 vials of bacteria 10 sets of reagents S9 Activation for 5 samples Plastics for 240 96-well plates



**Muta-ChromoPlate 2016
Reagents and Bacteria Only**

Muta-ChromoPlate 2 Bacteria Kits (2 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Muta-ChromoPlate Bacterial Strain	B5051-1S	1	2 vials of bacteria 1 sets of reagents
Muta-Chromoplate Bacterial Strain w S9	B5051S9-1S	1	2 vials of bacteria 2 sets of reagents S9 activation for 1 sample
Muta-Chromoplate Bacterial Strain 5-sample kit	B5051-5S	5	4 vials of bacteria 5 sets of reagents
Muta-ChromoPlate Bacterial Strain w S9 5-sample kit	B5051S9-5S	5	4 vials of bacteria 10 sets of reagents S9 Activation for 5 samples



Muta-ChromoPlate 2016

Muta-ChromoPlate OECD Kits. 5 Bacteria Strains according the OECD 471 guidelines (TA100, TA98, TA1535, TA97a, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Muta-Chromoplate OECD w S9	5051S9- OECD-1S	1	5 vials of bacteria 10 sets of reagents S9 activation for 1 sample
Muta-Chromoplate OECD w S9 Plastic Included	5051S9- OECD-1SP	1	5 vials of bacteria 10 sets of reagents S9 activation for 1 sample Plastics for 120 96-well plates
Muta-ChromoPlate OECD w S9 5-sample kit	5051S9- OECD-5S	5	10 vials of bacteria 50 sets of reagents S9 Activation for 5 samples
Muta-ChromoPlate OECD w S9 5-sample kit Plastic Included	5051S9- OECD-5SP	5	10 vials of bacteria 50 sets of reagents S9 Activation for 5 samples Plastics for 600 96-well plates



Ames-MOD ISO 96 Well 2016

Ames-MOD ISO 96 Well Format 1 Bacterial Kits (1 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-MOD ISO Basic	5041-1SP	1	1 vial of bacteria 1 set of reagents Plastics for 12 96-well plates
Ames-MOD ISO Basic w S9	5041S9-1SP	1	1 vial of bacteria 2 sets of reagents S9 activation for 1 sample Plastics for 24 96-well plates
Ames-MOD ISO Basic 5-sample kit	5041-5SP	5	5 vials of bacteria 5 sets of reagents Plastics for 60 96-well plates
Ames-MOD ISO Basic w S9 5-sample kit	5041S9-5SP	5	5 vials of bacteria 10 sets of reagents S9 Activation for 5 samples Plastics for 120 96-well plates
Ames-MOD ISO Basic 10-sample kit	5041-10SP	10	10 vials of bacteria 10 sets of reagents Plastics for 120 96-well plates
Ames-MOD ISO Basic w S9 10-sample kit	5041S9-10SP	10	10 vials of bacteria 20 sets of reagents S9 activation for 10 samples Plastics for 240 96-well plates

€ Ames-MOD ISO Kits accommodate negative and positive controls, sterility controls and up to 6 dilutions run in triplicate for each sample (12 plates per sample, 48 well format).

€ Plate configurations can be changed depending on user preferences

€ Each kit comes with reagents individually packed to increase shelf life

€ Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly for growth and dispensing

€ All necessary enzyme preparations, cofactors, buffers and standards are included with the S9 activation kit. EBPI recommends concurrent testing of each sample with and without S9 activation.



**Ames-MOD ISO 96 Well 2016
Reagents and Bacteria Only**

Ames-MOD ISO 96 Well Format 1 Bacterial Kits (1 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-MOD ISO Basic	5041-1S	1	1 vial of bacteria 1 set of reagents
Ames-MOD ISO Basic w S9	5041S9-1S	1	1 vial of bacteria 2 sets of reagents S9 activation for 1 sample
Ames-MOD ISO Basic 5-sample kit	5041-5S	5	5 vials of bacteria 5 sets of reagents
Ames-MOD ISO Basic w S9 5-sample kit	5041S9-5S	5	5 vials of bacteria 10 sets of reagents S9 Activation for 5 samples
Ames-MOD ISO Basic 10-sample kit	5041-10S	10	10 vials of bacteria 10 sets of reagents
Ames-MOD ISO Basic w S9 10-sample kit	5041S9-10S	10	10 vials of bacteria 20 sets of reagents S9 activation for 10 samples

- € Ames-MOD ISO kits accommodate negative and positive controls, sterility controls and up to 6
- € Plate configurations can be changed depending on user preferences
- € Each kit comes with reagents individually packed to increase shelf life
- € Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly
- € Enzyme preparations, cofactors, buffers and standards are included with the S9 activation kit. EBPI
- € Reagent Only kits include bacteria, reagents, standards and protocols but no plastics. Shipping charges are also less with these kits. Sterile plastics are still required but can be purchased



Ames-MOD ISO 96 Well 2016

Ames-MOD ISO 96 Well Format 2 Bacteria Kits (2 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-MOD ISO Bacterial Strain	5041-2BS-1SF	1	2 vials of bacteria 2 set of reagents Plastics for 24 96-well plates
Ames-MOD ISO Bacterial Strain w S9	5041S9-2BS-1SP	1	2 vials of bacteria 4 sets of reagents S9 activation for 1 sample Plastics for 48 96-well plates
Ames-MOD ISO Bacterial Strain 5-sample kit	5041-2BS-5SP	5	10 vials of bacteria 10 sets of reagents Plastics for 120 96-well plates
Ames-MOD ISO Bacterial Strain w S9 5-sample kit	5041S9-2BS-5SP	5	10 vials of bacteria 20 sets of reagents S9 Activation for 5 samples Plastics for 240 96-well plates
Ames-MOD ISO Bacterial Strain 10-sample kit	5041-2BS-10SP	10	20 vials of bacteria 20 sets of reagents Plastics for 240 96-well plates
Ames-MOD ISO Bacterial Strain w S9 10-sample kit	5041S9-2BS-10SP	10	20 vials of bacteria 40 sets of reagents S9 activation for 10 samples



**Ames-MOD ISO 96 Well 2016
Reagents and Bacteria Only**

Ames-MOD ISO 96 Well Format 2 Bacteria Kits (2 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-MOD ISO Bacterial Strain	5041-2BS-1S	1	2 vials of bacteria 2 set of reagents
Ames-MOD ISO Bacterial Strain w S9	5041S9-2BS-1S	1	2 vials of bacteria 4 sets of reagents S9 activation for 1 sample
Ames-MOD ISO Bacterial Strain 5-sample kit	5041-2BS-5S	5	10 vials of bacteria 10 sets of reagents
Ames-MOD ISO Bacterial Strain w S9 5-sample kit	5041S9-2BS-5S	5	10 vials of bacteria 20 sets of reagents S9 Activation for 5 samples
Ames-MOD ISO Bacterial Strain 10-sample kit	5041-2BS-10S	10	20 vials of bacteria 20 sets of reagents
Ames-MOD ISO Bacterial Strain w S9 10-sample kit	5041S9-2BS-10S	10	20 vials of bacteria 40 sets of reagents S9 activation for 10 samples



Ames-MOD ISO 96 Well 2016

Ames-MOD ISO 96 Well Format Kits. 5 Bacteria Strains according the OECD 471 guidelines (TA100, TA98, TA1535, TA97a, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-MOD ISO OECD w S9	5041S9- OECD-1S	1	5 vials of bacteria 10 sets of reagents S9 activation for 1 sample
Ames-MOD ISO OECD w S9 Plastic Included	5041S9- OECD-1SP	1	5 vials of bacteria 10 sets of reagents S9 activation for 1 sample Plastics for 120 96-well plates
Ames-MOD ISO OECD w S9 5-sample kit	5041S9- OECD-5S	5	25 vials of bacteria 50 sets of reagents S9 Activation for 5 samples
Ames-MOD ISO OECD w S9 5-sample kit Plastic included	5041S9- OECD-5SP	5	25 vials of bacteria 50 sets of reagents S9 Activation for 5 samples Plastics for 600 96-well plates
Ames-MOD ISO OECD w S9 10-sample kit	5041S9- OECD-10S	10	50 vials of bacteria 100 sets of reagents S9 activation for 10 samples
Ames-MOD ISO OECD w S9 10-sample kit Plastic Included	5041S9-OECD- 10SP	10	50 vials of bacteria 100 sets of reagents S9 activation for 10 samples Plastics for 1200 96-well plates



Ames-384 ISO 2016

Ames-384 ISO Format: 1 Bacteria Kits (1 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-384 ISO Basic	6041-1SP	1	1 vial of bacteria 1 set of reagents Plastics for 3 384-well plates
Ames-384 ISO Basic w S9	6041S9-1SP	1	1 vial of bacteria 2 sets of reagents S9 activation for 1 sample Plastics for 6 384-well plates
Ames-384 ISO Basic 5-sample kit	6041-5SP	5	5 vials of bacteria 5 sets of reagents Plastics for 15 384-well plates
Ames-384 ISO Basic w S9 5-sample kit	6041S9-5SP	5	5 vials of bacteria 10 sets of reagents S9 Activation for 5 samples Plastics for 30 384-well plates
Ames-384 ISO Basic 10-sample kit	6041-10SP	10	10 vials of bacteria 10 sets of reagents Plastics for 30 384-well plates
Ames-384 ISO Basic w S9 10-sample kit	6041S9-10SP	10	10 vials of bacteria 20 sets of reagents S9 activation for 10 samples Plastics for 60 384-well plates

€ Ames-384 ISO Kits accommodate negative and positive controls, sterility controls and up to 6 dilutions run in triplicate for each sample (3 plates per kit, 384-well format).

€ Plate configurations can be changed depending on user preferences

€ Each kit comes with reagents individually packed to increase shelf life

€ Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly for growth and dispensing

€ All necessary enzyme preparations, cofactors, buffers and standards are included with the S9 activation kit. EBPI recommends concurrent testing of each sample with and without S9 activation.



**Ames-384 ISO 2016
Reagents and Bacteria Only**

Ames-384 ISO Format: 1 Bacteria Kits (1 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-384 ISO Basic	6041-1S	1	1 vial of bacteria 1 set of reagents
Ames-384 ISO Basic w S9	6041S9-1S	1	1 vial of bacteria 2 sets of reagents S9 activation for 1 sample
Ames-384 ISO Basic 5-sample kit	6041-5S	5	5 vials of bacteria 5 sets of reagents
Ames-384 ISO Basic w S9 5-sample kit	6041S9-5S	5	5 vials of bacteria 10 sets of reagents S9 Activation for 5 samples
Ames-384 ISO Basic 10-sample kit	6041-10S	10	10 vials of bacteria 10 sets of reagents
Ames-384 ISO Basic w S9 10-sample kit	6041S9-10S	10	10 vials of bacteria 20 sets of reagents S9 activation for 10 samples

- € Ames-384 ISO kits accommodate negative and positive controls, sterility controls and up to 6
- € Plate configurations can be changed depending on user preferences
- € Each kit comes with reagents individually packed to increase shelf life
- € Once rehydrated, bacteria must be used as soon as possible. EBPI cautions users to plan accordingly
- € Enzyme preparations, cofactors, buffers and standards are included with the S9 activation kit. EBPI
- € Reagent Only kits include bacteria, reagents, standards and protocols but no plastics. Shipping charges are also less with these kits. Sterile plastics are still required to complete the test but can be purchased separately.



Ames-384 ISO 2016

Ames-384 ISO Format: 2 Bacteria Kits (2 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-384 ISO Bacterial Strain	6041-2BS-1SF	1	2 vials of bacteria 2 sets of reagents Plastics for 6 384-well plates
Ames-384 ISO Bacterial Strain w S9	6041S9-2BS-1SP	1	2 vial of bacteria 4 sets of reagents S9 activation for 1 sample Plastics for 12 384-well plates
Ames-384 ISO Bacterial Strain 5-sample kit	6041-2BS-5SP	5	10 vials of bacteria 10 sets of reagents Plastics for 30 384-well plates
Ames-384 ISO Bacterial Strain w S9 5-sample kit	6041S9-2BS-5SP	5	10 vials of bacteria 20 sets of reagents S9 Activation for 5 samples Plastics for 60 384-well plates
Ames-384 ISO Bacterial Strain 10-sample kit	6041-2BS-10SP	10	20 vials of bacteria 20 sets of reagents Plastics for 60 384-well plates
Ames-384 ISO Bacterial Strain w S9 10-sample kit	6041S9-2BS-10SP	10	20 vials of bacteria 40 sets of reagents S9 activation for 10 samples



**Ames-384 ISO 2016
Reagents and Bacteria Only**

Ames-384 ISO Format: 2 Bacteria Kits (2 of TA100, TA98, TA1535, TA97a, WP2, WP2 pKM 101)

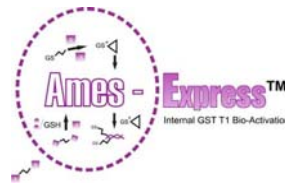
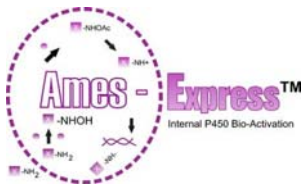
Kit	Codice	Campioni	Descrizione
Ames-384 ISO Bacterial Strain	6041-2BS-1S	1	2 vials of bacteria 2 sets of reagents
Ames-384 ISO Bacterial Strain w S9	6041S9-2BS-1S	1	2 vial of bacteria 4 sets of reagents S9 activation for 1 sample
Ames-384 ISO Bacterial Strain 5-sample kit	6041-2BS-5S	5	10 vials of bacteria 10 sets of reagents
Ames-384 ISO Bacterial Strain w S9 5-sample kit	6041S9-2BS-5S	5	10 vials of bacteria 20 sets of reagents S9 Activation for 5 samples
Ames-384 ISO Bacterial Strain 10-sample kit	6041-2BS-10S	10	20 vials of bacteria 20 sets of reagents
Ames-384 ISO Bacterial Strain w S9 10-sample kit	6041S9-2BS-10S	10	20 vials of bacteria 40 sets of reagents S9 activation for 10 samples



Ames-384 ISO 2016

Ames-384 Well ISO Format Kits: 5 Bacteria Strains according the OECD 471 guidelines (TA100, TA98, TA1535, TA97a, WP2 pKM 101)

Kit	Codice	Campioni	Descrizione
Ames-384 ISO OECD w S9	6041S9- OECD-1S	1	5 vials of bacteria 10 sets of reagents S9 activation for 1 sample
Ames-384 ISO OECD w S9 Plastic Included	6041S9- OECD-1SP	1	5 vials of bacteria 10 sets of reagents S9 activation for 1 sample Plastics for 30 384-well plates
Ames-384 ISO OECD w S9 5-sample kit	6041S9- OECD-5S	5	25 vials of bacteria 50 sets of reagents S9 Activation for 5 samples
Ames-384 ISO OECD w S9 5-sample kit Plastic Included	6041S9- OECD-5SP	5	25 vials of bacteria 50 sets of reagents S9 Activation for 5 samples Plastics for 150 384-well plates
Ames-384 ISO OECD w S9 10-sample kit	6041S9- OECD-10S	10	50 vials of bacteria 100 sets of reagents S9 activation for 10 samples
Ames-384 ISO OECD w S9 10-sample kit Plastic Included	6041S9- OECD-10SP	10	50 vials of bacteria 100 sets of reagents S9 activation for 10 samples Plastics for 300 384-well plates



Metabolic Bioactivation Options

Ames-Express™ Product 2016

Prodotto	Codice	Descrizione
Ames-Express™ Bacterial Strains Individual Bacteria	EXPBAC-1BSK	Express Human liver enzymes Includes positive control, growth media and Express Reagents for Growth
Ames-Express™ Bacterial Strains Add-on Kit	EXPBAC-1BSS	Substitute Ames-Express Bacteria in any Ames test (Muta-ChromoPlate, MOD-ISO or 384-ISO)

S9 Bioactivation

S9 Liver homogenate (rat)	5011E	Freeze-dried liver homogenate S9 fraction from Aroclor 1245-Induced rats
S9 Bioactivation package	5011K	Includes liver homogenate, buffers, cofactors and controls for successful implementation of
S9 Bioactivation Reagents Only	5011R	Contains buffers, cofactors and controls ONLY for S9 activation system

€ All Ames-Express™ Products come with Express reagents which are necessary for growth. For complete list of available strains visit www.biotoxicity.com

€ Ames-Express™ bacteria are available independently or can be substituted into any kit configuration



SOS-Chromotest™ 2016

Kits include SOS bacteria, Reagents, Controls and Plastics to run samples on 96-well plates

Kit	Codice	Campioni	Descrizione
SOS-Chromotest	5031-10SP	10	1 vial SOS bacteria 1 set of reagents 2 96-well plates
SOS-Chromotest w S9	5031-S9-10SP	10	1 vial of SOS bacteria 1 sets of reagents S9 activation for 5 samples 2 96-well plates
SOS-Chromotest	5031-20SP	20	2 vials of SOS bacteria 2 sets of reagents 4 96-well plates
SOS-Chromotest w S9	5031-S9-20SP	20	2 vials of SOS bacteria 2 sets of reagents S9 activation for 10 samples 4 96-well plates
SOS-Chromotest S9 Activation Individual kit	5031S9	10	Cofactors, buffers and freeze-dried liver homogenate for 5 samples
SOS-Chromotest Combo Kit	5031-COMB-10SP	10	2 vials of SOS bacteria (one vial is SOS Express) 2 sets of reagents 4 96-well plates
SOS-Express Bacteria	EXP5031		substitute SOS-Express bacteria into any SOS-Chromotest kit
SOS-ChromoPad	5034	5	5 pads plastics and reagents to run 5 samples with 6 dilutions

€ SOS-Chromotest Kits include all bacteria, reagents, controls and plastics for 2 96-well plates.

€ SOS-Chromotest Kit plate layout can be altered to accommodate up to 10 samples per kit

€ Substitute SOS-Express bacteria (metabolic enzyme expression) into any kit . Contact ECOTOX for more information and strain availability.



UMU-ChromoTest™ 2016

Kits include UMU bacteria, Reagents, Controls and Plastics to run samples on 96-well plates

Kit	Codice	Campioni	Descrizione
UMU-Chromotest	5021-6SP	6	1 vial UMU bacteria 1 set of reagents 3 96-well plates
UMU-Chromotest w S9	5021-S9-6SP	6	2 vials of SOS bacteria 2 sets of reagents S9 activation for 5 samples 6 96-well plates
UMU-Chromotest	5021-12SP	12	2 vials of SOS bacteria 2 sets of reagents 6 96-well plates
UMU-Chromotest w S9	5021-S9-12SP	12	4 vials of SOS bacteria 4 sets of reagents S9 activation for 12 samples 12 96-well plates
UMU-Chromotest S9 Activation Individual Kit	5021S9	6	Cofactors, buffers and freeze-dried liver homogenate for 6 samples
UMU-Chromotest Combo Kit	5021-COMB-6SP	6	2 vials of SOS bacteria (one vial is UMU-express) 2 sets of reagents 4 96-well plates
UMU-Express™ Bacteria	EXP5021		substitute UMU-Express™ bacteria into any UMU-ChromoTest kit

€ UMU-Chromotest Kits contents are provided per plate (96-well microplate) based on ISO 13829.

€ Each kit can run 6 samples with 4 dilutions in triplicate with all controls

€ Substitute UMU-Express bacteria (express human metabolic enzymes) into any kit . Contact ECOTOX for more information.



Toxi-Chromotest™ 2016

Kit	Codice	Campioni	Descrizione
Toxi-Chromotest Kit	5032	15	3 vials of Toxi bacteria 1 set of reagents
Toxi-Chromopad	5033	4	Plastics for 3 96-well plates Plastics and reagents to run 4 samples with 5 dilutions and control pad

€ Toxi-Chromotest kits can accommodate up to 15 samples per kit. Controls and all reagents are included to perform analysis directly.

