

Plant Research Products

Nucleic Acid Extraction & Purification for Plant

ISOSPIN Plant RNA

The ISOSPIN Plant RNA enables rapid isolation of highly pure total RNA within 1 hour from plant tissues

Product code	Product name	Size
310-08171	ISOSPIN Plant RNA	50 test

ISOSPIN Plant DNA

The ISOSPIN Plant DNA enables rapid isolation of highly pure DNA uses Spin Column within about 1 hour from plant Leaves.

Product code	Product name	Size
312-08631	ISOSPIN Plant DNA	50 test

ISOPLANT II

ISOPLANT II is a kit for extracting DNA from plants, yeasts, and bacteria in a short period of time.

The reagents and protocol have been improved so that the inhibitors such as polysaccharides and polyphenols are effectively removed.

Product code	Product name	Size
316-04153	ISOPLANT II	20 test
310-04151		100 test

ISOPLANT

ISOPLANT disrupts cell walls, cell membranes, nuclear membranes and the like with benzyl chloride, which is the main component of the Solution II of the ISOPLANT. This is very convenient when processing many samples.

Product code	Product name	Size
310-02733	ISOPLANT	20 test
314-02731		100 test

ISOIL

ISOIL is a kit for extracting DNA from soil samples. By using an extracting solution with a special composition, DNA can be extracted not only from non-volcanic ash soil but also from volcanic ash soil.

Product code	Product name	Size
316-06211	ISOIL	50 test

ISOIL for Beads Beating

ISOIL for Beads Beating uses both chemical lysis by a surface-active agent and physical disruption of cells by beads beating as the DNA extraction method. As a result, DNA can be extracted from microorganisms having strong cell walls, and soil DNA reflecting actual soil microorganism mass structure can be obtained.

Product code	Product name	Size
319-06201	ISOIL for Beads Beating	50 test

ISOIL Large for Beads ver.2

ISOIL Large for Beads ver.2 is a kit for extracting DNA from soil sample of 5 g.

Product code	Product name	Size
312-06791	ISOIL Large for Beads ver.2	8 test

GM quicker

GM quicker is a kit to extract DNA from grains, such as maize and soybean. This kit uses the principle called Boom Technology that DNA is adsorbed by silica under the Chaotropicion existence. Neither phenol nor chloroform is used in the extract operation.

Product code	Product name	Size
317-06361	GM quicker	50 test

GM quicker 2

GM quicker 2 is a kit to extract DNA from rice and other grains. This kit is designed for not only nonglutinous rice but also glutinous rice by using α -amylase, which enables the inspection of unknown sample of rice..

Product code	Product name	Size
310-06591	GM quicker 2	50 test

Media

Product code	Product name	Size
392-00591	Murashige and Skoog Plant Salt Mixture	For 1L×20
396-02037		For 10L×5
399-00621	Gamborg's B5 Medium Salt Mixture	For 1L×20
391-02021	Chu (N6) Medium Salt Mixture	For 1L×20
399-02027		For 10L×5
398-01333	Daigo's IMK Medium for marine and brackish water microalgae	For 100L×10
392-01331		For 1,000L
395-01343	Daigo's Artificial Seawater SP for Marine Microalgae Medium	For 1L×10

Gelation

Product code	Product name	CAS No	Size
016-15812	Agar :400~600g/cm2	9002-18-0	25g
018-15811			100g
010-15815			500g
016-15817			10kg
012-11872	Agar (Powder)	9002-18-0	25g
016-11875			500g
073-03071	Gellan Gum	71010-52-1	250g
075-03075			500g
075-05655	Gelrite®	71010-52-1	500g
033-09292	κ-Carrageenan	11114-20-8	25g
039-09691	λ-Carrageenan	9064-57-7	5g
037-09692			25g
035-09693			100g

Product code	Product name	CAS No	Size
194-13321	Sodium Alginate 80~120cp(10g/l, 20°C)	9005-38-3	100g
196-13325			500g
190-09991	Sodium Alginate 300~400cp(10g/l, 20°C)	9005-38-3	100g
192-09995			500g
199-09961	Sodium Alginate 500~600cp(10g/l, 20°C)	9005-38-3	100g
191-09965			500g

Plant hormone & Growth

5 Plant Growth Regulators Set

Product code	Product name	CAS No	Size
165-13831	5 Plant Growth Regulators Set A Construction (1g each) 2,4-Dichlorophenoxyacetic Acid(2,4-D), 3-Indoleacetic Acid (IAA), Naphthylacetic Acid (NAA), 6-Benzylaminopurine (BA), 6-Furfrylaminopurine,	-	1set (1g×5)

Auxin

Product code	Product name	CAS No	Size
040-18532	2,4-Dichlorophenoxyacetic Acid [2,4-D]	94-75-7	25g
044-18535			500g
049-23573	Dicamba	1918-00-9	250mg
098-00181	3-Indoleacetic Acid [IAA]	87-51-4	1g
094-00183			5g
096-00182			25g
096-03301	4-(3-Indolyl)butyric Acid [IBA]	133-32-4	1g
092-03303			5g
094-03302			25g
148-00092	1-Naphthylacetic Acid [1-NAA]	86-87-3	25g
140-00091			100g
161-04021	Potassium 1-Naphthylacetate [1-NAA-K]	15165-79-4	1g
169-04022			25g
036-17771	4-Chloro-3-indoleacetic Acid [4-Cl-IAA]	2519-61-1	100mg
030-17774			1g

Cytokinin

Product code	Product name	CAS No	Size
014-11511	Adenine [Ade]	73-24-5	1g
018-11514			5g
012-11512			25g
010-11513			100g
012-19611	Adenine Sulfate [Ade.H ₂ SO ₄]	321-30-2	1g
018-19613			5g
010-19612			25g

Product code	Product name	CAS No	Size
018-00801	Adenine Hydrochloride [Ade.HCl]	2922-28-3	1g
016-00802			25g
015-24591	Adenosine [Ado]	58-61-7	1g
011-24593			5g
013-24592			25g
020-07621	6-Benzyladenine [BA]	1214-39-7	1g
026-07623			5g
080-03401	Hypoxanthine [Hyp]	68-94-0	1g
086-03403			5g
088-03402	Hypoxanthine [Hyp]	68-94-0	25g
110-00331	6-Furfurylaminopurine [Kinetin]	525-79-1	100mg
116-00333			1g
114-00334			5g
200-12191	Thidiazuron [TDZ]	51707-55-2	250mg
261-00951	trans-Zeatin [tZ]	1637-39-4	10mg
265-00954			50mg
267-00953			100mg
262-01081	Zeatin Riboside (trans isomer) [tZR]	6025-53-2	10mg
047-04132	1,3-Diphenylurea [DPU]	102-07-8	25g

Gibberellin

Product code	Product name	CAS No	Size
075-02811	Gibberellin A3 [GA3]	77-06-5	100mg
071-02813			1g

Others

Product code	Product name	CAS No	Size
135-14411	Methyl Jasmonate [MeJA]	1211-29-6	5ml
133-14412			25ml
322-56502	Phloroglucinol (Phloroglucinol, Anhydrous)	108-73-6	25g
326-56505			500g
056-05661	Ergosterol [ERG]	57-87-4	1g
052-05663			5g
054-05662			25g
306-02871	Brassicasterol	474-67-9	100mg
359-20561	1,2-O-Isopropylidene- α -D(-)-xylofuranose	20031-21-4	5g
357-20562			25g

Plant growth inhibitors

Product code	Product name	CAS No	Size
324-95441	2,3,5-Triiodobenzoic Acid [TIBA]	88-82-4	5g
322-95442			25g
033-14241	Chlorogenic Acid Hemihydrate	327-97-9	100mg
039-14243			1g
035-03412	trans-Cinnamic Acid	140-10-3	25g
039-03415			500g
046-02262	2,5-Dihydroxybenzoic Acid [2,5-DHBA]	490-79-9	25g
077-06092	Gallic Acid Monohydrate	5995-86-8	25g
071-06095			500g
084-04102	p-Hydroxybenzoic Acid	99-96-7	25g
088-04105			500g
082-06521	p-Hydroxycinnamic Acid	501-98-4	10g
088-06523			
086-04282	4-Hydroxy-3-methoxycinnamic Acid	1135-24-6	25g
194-14862	Salicylic Acid	69-72-7	25g
196-14861			100g
198-14865			500g

Mutagen

Product code	Product name	CAS No	Size
325-81522	Ethyl Methanesulfonate	62-50-0	25g
323-81523			100g
039-03851	Colchicine	64-86-8	100mg
035-03853			1g

Antibiotics

Product code	Product name	CAS No	Size
017-14161	Amoxicillin Trihydrate	61336-70-7	5g
015-14162			25g
019-13364	Amphotericin B	1397-89-3	100mg
015-13361			250mg
011-13363			1g
064-04921	5-Fluoroorotic Acid Monohydrate	220141-70-8	1g
060-04923			20g
068-01401	5-Fluorouracil	51-21-8	1g
064-01403			5g
015-17423	Acyclovir	59277-89-3	1g
019-17421			250mg
012-23303	Ampicillin Sodium	69-52-3	10g
022-07701	Bacitracin	1405-87-4	5g
020-07702			25g
329-81721	3,5-Dibromo-4-hydroxybenzonitrile	1689-84-5	5g
327-81722			25g

Product code	Product name	CAS No	Size
031-23691	Carbenicillin Sodium Salt (mixture of isomers)	4800-94-6	1g
037-23693			5g
030-16113	Cefotaxime Sodium Salt	64485-93-4	10g
036-11051	Cefalexin	15686-71-2	5g
034-11052			25g
032-19451	Chloramphenicol	56-75-7	5g
030-19452			25g
034-10871	20% Chlorhexidine Gluconate Solution	(18472-51-0)	100mL
037-02992	4-Chloro-3,5-xlenol	88-04-0	25g
320-47252	Benzopinacol	464-72-2	25g
328-47253			100g
551-21801	Clindamycin Hydrochloride	21462-39-5	10mg
032-20941	Colistin Sulfate	1264-72-8	1g
038-20943			5g
033-20993	Cycloheximide	66-81-9	5g
035-20992			25g
034-21001	D-Cycloserine	68-41-7	1g
030-21003			5g
040-21521	Doxorubicin Hydrochloride	25316-40-9	10mg
057-07151	Erythromycin	114-07-8	5g
055-07152			25g
074-05963	G-418 Sulfate	108321-42-2	5g
076-05962			25g
072-05964			100g
071-06431	50mg/ml G-418 Sulfate Solution, Animal-derived-free	108321-42-2	20mL
077-06433			100mL
071-06453	Gentamicin Sulfate	1405-41-0	1g
079-06454			5g
075-06451			250mg
078-06061	Gentamicin Sulfate Solution (50mg/ml)		10mL
073-02231	Griseofulvin	126-07-8	5g
071-02232			25g
089-06151	Hygromycin B	31282-04-9	1g
085-06153			5g
087-06152			25g
084-07681	50mg/ml Hygromycin B Solution	31282-04-9	20mL
113-00701	Kanamycin Sulfate	133-92-6	1g
117-00961	Kanamycin Sulfate Solution (50mg/ml)	133-92-6	20mL
139-13571	Methotrexate	59-05-2	100mg
135-13573			1g
134-12661	Miconazole Nitrate	22832-87-7	1g
130-12663			5g
132-12662			25g
136-16401	Minocycline Hydrochloride	13614-98-7	200mg
132-16403			1g
146-08871	Neomycin Sulfate	1405-10-3	50g
590-36841	Nystatin	1400-61-9	5MU

Product code	Product name	CAS No	Size
165-23601	Paromomycin Sulfate	1263-89-4	1g
161-23603			5g
163-23602			25g
022-18132	Benzylopenicillin Sodium Salt	69-57-8	25g
167-11691	Polymyxin B Sulfate	1405-20-5	1g
163-11693			5g
182-02331	Ribavirin	36791-04-5	250mg
185-01003	Rifampicin	13292-46-1	5g
191-11533	Spectinomycin Dihydrochloride Pentahydrate	22189-32-8	1g
195-11531			5g
196-08511	Streptomycin Sulfate	3810-74-0	5g
192-08513			100g
199-10451	Sulfamethoxazole	723-46-6	10g
195-10453			100g
205-08591	Tetracycline Hydrochloride	64-75-5	5g
202-18991	Thimerosal	54-64-8	1g
208-18993			5g
209-18381	Trimethoprim	738-70-5	5g
220-01304	Vancomycin Hydrochloride	1404-93-9	250mg
226-01301			1g
226-01306			5g
187-02901	Ribostamycin Sulfate	53797-35-6	250mg
183-02903			1g

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