

Human Endogenous Metabolite Compound Library (96-well)

Product Details:

Catalog Number:	HY-L030
Formulation:	A collection of 976 Endogenous Metabolites supplied as pre-dissolved Solutions or Solid
Container:	96- or 384-well Plate with Peelable Foil Seal; 96-well Format Sample Storage Tube With Screw Cap and Optional 2D Barcode
Storage:	In solvent: -80°C 2 years, -20°C 1 year; Powder: -20°C 3 years, 4°C 2 years
Shipping:	Blue ice
Packaging:	Inert gas

Plate layout: HY-L030-1

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Pyrroloquinoline quinone	Pyrroloquinoline quinone (disodium)	D-α-Hydroxyglutaric acid	meso-Erythritol	Absciscic acid	Ribitol	(-)-(S)-Equol	D-Glutamine	Hypotaurine	L-Cysteinesulfonic acid	Empty
b	Empty	Kynurenic acid	Quinolinic acid	D-Serine	Spaglumic Acid	Choline (bitartrate)	Sarcosine	D-erythro-Sphingosine	Acetylcholine (iodide)	Zinc Protoporphyrin	Agmatine (sulfate)	Empty
c	Empty	Coproporphyrin III	γ-Glu-Phe	3-(Methylthio)propionic acid	Cyclo(his-pro) (TFA)	N-(5-Aminopentyl)acetamide	Thyroxine sulfate	O-Acetylserine	O-Acetyl-L-serine (hydrochloride)	SDMA	4-Acetamidobutanoic acid	Empty
d	Empty	L-DABA	Coenzyme Q9	Diethyl phosphate	Biocytin	Heparan Sulfate	Prostaglandin E2	Uridine 5'-monophosphate	6-Biopterin	Rapamycin	Methylmalonic acid	Empty
e	Empty	3-Methoxytyramine	3-Methoxytyramine	L-Ascorbic acid 2-phosphate	L-Kynurenine	Fosfructose (trisodium)	L-Valyl-L-phenylalanine	Tetrahydrobiopterin	Pyridoxal	all-trans-4-Oxoretinoic acid	Kynurenic acid (sodium)	Empty
f	Empty	Oleylethanolamide	Garcinol	5α-Cholestan-3β-ol	D-Melibiose	L-Ascorbic acid 2-phosphate	Pregnanediol	N-Acetyl-5-hydroxytryptamine	DL-Mevalonolactone	Inosinic acid	Inosinic acid (disodium)(hydrate)(1:2:X)	Empty
g	Empty	C16-PAF	Trimethylamine N-oxide (hydrate)	Arachidonic acid	Pregnenolone monosulfate (sodium)	Dehydroascorbic acid	D-(-)-Lactic acid (sodium)	p-Cresyl sulfate	p-Cresyl sulfate (potassium)	N2-Methylguanosine	(R)-(+)-Citronellal	Empty
h	Empty	C20 Ceramide	Aminomalonic acid	γ-L-Glutamyl-L-alanine	N-Acetylhistamine	Acetoacetic acid (lithium)	1,2-Distearoyl-sn-glycerol	CMP-Sialic acid (sodium salt)	3-Hydroxyvaleric acid	Glutarylcarbamate	Glutarylcarbamate (lithium)	Empty

Plate layout: HY-L030-2

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Urocanic acid	trans-Urocanic acid	Maltotriose	Hydroxypyruvic acid	Stearoylethanolamide	21-Hydroxypregnenolone	Pristanic acid	Delta-Tocopherol	α-Hydroxyglutaric acid	5-Methyltetrahydrofolic acid	Empty
b	Empty	5,6-Dihydrouridine	3-Hydroxycapric acid	Pseudouridine	3-Methyl-2-oxovaleric acid	Guanosine 5'-diphosphate (disodium)	Mevalonic acid (lithium salt)	1,5-Anhydrosorbitol	Thiamine pyrophosphate	N-Acetylmethionine	1-Methyladenosine	Empty
c	Empty	L-Thyronine	3-Hydroxyhippuric acid	Epsilon-(gamma-glutamyl)-	Ethyl glucuronide	Indolelactic acid	N-Acetylputrescine	2-Hydroxyadipic acid	3-Hydroxydodecanoic acid	Cysteinylglycine	Vanillylmandelic acid	Empty
d	Empty	LysoPC(14:0/0:0)	3-Hydroxyisobutyric acid	Eicosadienoic acid	Dihydroxyacetone phosphate	25-Hydroxycholesterol	5-Methylcytidine	1-Methylguanosine	N2,N2-Dimethylguanosine	3-Methyluridine	1-Methylinosine	Empty
e	Empty	Galactose 1-phosphate Potassium	L-Hexanoylcarnitine	L-Palmitoylcarnitine (chloride)	Docosapentaenoic acid (22n-3)	L-Octanoylcarnitine	Bovine acid	Isobutyryl-L-carnitine (chloride)	Dodecanoylcarnitine	Butyrylcarnitine	Tetradecanoylcarnitine	Empty
f	Empty	N-Oleoylglycine	Hydroxyphenylacetylglutamic acid	Urocholic acid	Asymmetric dimethylarginine	Hydroxyphenylacetic acid	Isovalerylcarnitine	Desmosterol	Oxoadipic acid	Isocitric acid	3-Methylcrotonylglycine	Empty
g	Empty	trans-trans-Muconic acid	3-Nitro-L-tyrosine	2-Methoxyestrogen	N8-Acetylspermidine	Oleoylcarnitine	8-Hydroxyguanosine	17α-Hydroxypregnenolone	Valerylcarnitine	Biotin sulfone	Diadenosine pentaphosphate	Empty
h	Empty	3-Methyladipic acid	Leucyl-phenylalanine	7-Dehydrocholesterol	4-Guanidinobutanoic acid	5'-Deoxyadenosine	Estrone sulfate (potassium)	Estrone sulfate (sodium)	3-Hydroxykynurenine	Salicylic acid	Citraconic acid	Empty

Plate layout: HY-L030-3

1	2	3	4	5	6	7	8	9	10	11	12
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a	Empty	Metanephrine	FAPy-adenine	(S)-3,4-Dihydroxybutyric acid	Taurolithocholic acid (sodium salt)	AFMK	3b-Hydroxy-5-cholenic acid	Etiocolanone	3-Methoxy-4-hydroxyphenylglycol	NADP	1,3,7-Trimethyluric acid	Empty
b	Empty	Aminoadipic acid	Guanidinoethyl sulfonate	Myristoleic acid	Turanose	2-Furoylglycine	7-Ketocholesterol	16 α -Hydroxyestronone	7-Methylguanin	Nicotinuric acid	Anserine	Empty
c	Empty	m-Coumaric acid	Petroselinic acid	Cholestenone	Suberylglycine	Cholesteryl arachidonate	2-Methylcitric acid	2-Methylcitric acid (trisodium)	Guanidinosuccinic acid	L-Glyceric acid (sodium)	3-Hydroxybutyric acid	Empty
d	Empty	(S)-b-aminoisobutyric acid	2-Hydroxybutyric acid	N-Methylhydantoin	Gamma-glutamylcysteine	Gamma-glutamylcysteine (TFA)	DL-Dopa	21-Deoxycortisol	Tiglyl carnitine	3-Hydroxyisovaleric acid	3-Methylglutaric acid	Empty
e	Empty	3-Hydroxyglutaric acid	Deoxycorticosterone	Dehydroepiandrosterone sulfate	Beta-Cortol	Nepsilon-Acetyl-L-lysine	trans-Vaccenic acid	Nudifloramide	8-Dehydrocholesterol	5-Methoxytryptophol	4-Hydroxynone	Empty
f	Empty	Cyclic GMP (sodium)	3,4-Dihydroxymandelic acid	Melanin	Lathosterol	4-Pyridoxic acid	Stigmastanol	Glycogen, Mussel	Glycogen, Oysters	Normetanephrene	N-Acetyl-L-aspartic acid	Empty
g	Empty	TRIA-662	Stachyose (tetrahydrate)	Acetyl Coenzyme A (trisodium)	7 α ,25-Dihydroxycholesterol	11-Beta-hydroxyandrostenedione	Homocarnosine (TFA)	Trimethylamine N-oxide	N6-Methyladenine	2-Methoxyestradiol	L-Ribulose	Empty
h	Empty	Lignoceric acid	Kyotorphin	7-Methylguanosine	Nicotinamide riboside (chloride)	20(S)-Hydroxycholesterol	N-Methylnicotinamide	Adenosine-2'-monophosphate	Pentacosanoic acid	2-Hydroxyestradiol	β -cyano-L-Alanine	Empty

Plate layout: HY-L030-4

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	1-Palmitoyl-sn-glycero-3-phosphocholine	Cytidine-5'-triphosphate	(R)-Pantheine	Urolithin B	Trilaurin	N-Acetylactosamine	Glycohyodeoxycholic acid	Tristearin	Adenylosuccinic acid (tetraammonium)	D-Glucose 6-phosphate (disodium)	Empty
b	Empty	16-Dehydroprogesterone	2,3-Butanediol	L-Gulose	alpha-D-glucose	L-?Leucyl-?L-alanine	Dimethyl trisulfide	D-Desthiobiotin	Thymidine-5'-monophosphate	12-Hydroxydodecanoic acid	Phosphonoacetic acid	Empty
c	Empty	2,6-Diaminoheptanedioic acid	α -D-Glucose-1-phosphate (disodium)	α -D-Glucose-1-phosphate (disodium)	N-Acetyl-D-mannosamine	N-Glycolylneuraminic acid	α -Tocotrienol	Dinoprost	Dinoprost (tromethamine salt)	N1,N8-Diacetylspermidine	N1,N8-Diacetylspermidine	Empty
d	Empty	3,3'-Diiodo-L-thyronine	N,N'-Diacetylchitosane	5-Hydroxyferulic acid	AICAR (phosphate)	N-Acetylserine	Biliverdin (hydrochloride)	Biliverdin	7,8-Dihydroxypterine	2'-Deoxyadenosine-5'	Mifepristone	Empty
e	Empty	Methionine	Norepinephrine (hydrochloride)	Dephospho-CoA	Guanosine 5'-triphosphate-5'-adenosine	3-Methylglutamic acid	Isovalerylcarnitine (chloride)	Kaempferol	L-Glutamic acid	L-Glutamic acid (monosodium)	Retinoic acid	Empty
f	Empty	9-cis-Retinoic acid	DL-O-Phosphoserine	Valdecoxib	Folic acid	5'-Methylthioadenosine	24(S)-Hydroxycholesterol	(E/Z)-4-Hydroxytamoxifen	Cyclopamine	Cortisone	Cortisone acetate	Empty
g	Empty	Adrenosterone	sn-Glycero-3-phosphocholine	Folinic acid	2'-Deoxyguanosine	2'-Deoxycytidine (hydrochloride)	Oxytocin	L-Thyroxine	L-Thyroxine (sodium salt pentahydrate)	L-Thyroxine (sodium)	3-Indoleacetic acid	Empty
h	Empty	Lipoic acid	SAH	Tauroursodeoxycholate	Tauroursodeoxycholate (sodium)	Tauroursodeoxycholate (dihydrate)	D-(+)-Malic acid	Palmitoylethanolamide	3-Amino-2-piperidinone	Xanthotoxol	(S)-Leucic acid	Empty

Plate layout: HY-L030-5

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	D-?(+)-?Phenyllactic acid	(S)-2-Hydroxy-3-phenylpropan	D-N-Acetylgalactosamine	Purine	D-Ornithine (hydrochloride)	Ethylmalonic acid	L-Hydroxyproline	Indole-3-carboxylic acid	Octanoic acid	4-Chlorobenzoic acid	Empty
b	Empty	D-Alanine	D-Glucuronic acid lactone	(-)-Aspartic acid	Asparagusic acid	(R,R)-(+)-Hydrobenzoin	2-Amino-1-phenylethanol	N-Acetyl-L-leucine	Ac- β -Ala-OH	(R)-pyrrolidine-2-carboxylic	(-)-Menthol	Empty
c	Empty	Methyl vanillate	2-Hydroxyhexanoic acid	2,6-Dimethoxybenzoic acid	p-Toluic acid	D-Ribonolactone	Chenodeoxycholic Acid	Cysteamine (hydrochloride)	Cinnamoylglycine	Cortodoxone	Thymine	Empty
d	Empty	m-Tolualdehyde	(S)-(+)-1,2-Propanediol	Liothyronine (sodium)	Liothyronine	Thiamine monochloride	N-Acetyl-D-glucosamine	Adenosine monophosphate	Adenosine 5'-monophosphate	Melatonin	Prostaglandin E1	Empty
e	Empty	Natamycin	Estradiol	Alpha-Estradiol	Niacin	Nicotinamide	Pregnenolone	Adenine	Adenine (hydrochloride)	Adenine (hemisulfate)	Cytidine	Empty
f	Empty	L-Ascorbic acid	L-Ascorbic acid (sodium salt)	Lithocholic acid	Guanidine (hydrochloride)	Acetylcysteine	Ethinylestradiol	Adenosine	Estrone	Oxytetracycline	Oxytetracycline (hydrochloride)	Empty
g	Empty	Acetylcholine (chloride)	Vitamin B12	Menadione	Taurine	Ginkgolide A	L-Carnitine	D-Sorbitol	Estril	Mycophenolic acid	D-Pantothenic acid	Empty
h	Empty	D-Pantothenic acid (sodium)	NAD+	Riboflavin	Medroxyprogesterone acetate	Creatinine	Biotin	Octopamine (hydrochloride)	Desloratadine	Methylcobalamin	S-Adenosyl-L-methionine (tosylate)	Empty

Plate layout: HY-L030-6

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Eicosapentaenoic Acid	Citicoline	Citicoline (sodium)	Eicosapentaenoic acid ethyl ester	Acetyl-L-carnitine (hydrochloride)	Dehydroepiandrosterone sulfate	Theophylline	17 α -Hydroxyprogesterone	Triacetin	Pyridoxine (hydrochloride)	Empty
b	Empty	10-Undecenoic acid	Riboflavin phosphate (sodium)	Hexylresorcinol	4-Aminobenzoic acid	Aceglutamide	Gluconate (Calcium)	Gluconate (sodium)	Glucosamine	Taurocholic acid (sodium salt hydrate)	Cotinine	Empty
c	Empty	Hydrocortisone acetate	Meglutol	Histamine	Protoporphyrin IX	Lithium citrate (tetrahydrate)	4-Aminohippuric acid	Pyridoxine	Cyromazine	Choline (chloride)	DL-Glutamine	Empty
d	Empty	L-Ornithine	Retinyl palmitate	D-Panthenol	3-Methylsalicylic acid	i-Inositol	Uridine	1-Hexadecanol	8-Azaguanine	Deoxycorticosterone acetate	2,2,2-Trichloroethanol	Empty
e	Empty	Cyclic AMP	Allantoic acid	Citric acid (triammonium)	Sodium citrate (dihydrate)	Corticosterone	Debrisoquin (hemisulfate)	Flavin adenine dinucleotide	Flavin adenine dinucleotide	L-5-Hydroxytryptophan	Choline theophyllinate	Empty
f	Empty	Pregnenolone monosulfate	Pyridoxal phosphate	Pyridoxylamine	Pyridoxylamine (dihydrochloride)	Spermidine	Spermidine (hydrochloride)	Spermine	Spermine (tetrahydrochloride)	Taurocholic acid	Tricaprilin	Empty
g	Empty	Vasopressin	D-Galacturonic acid (hydrate)	4-tert-Octylphenol	Lactose	Uric acid (sodium)	Menaquinone-4	Chondroitin sulfate	Docosahexaenoic acid	ATP (disodium trihydrate)	ATP (dimagnesium)	Empty
h	Empty	Citric acid (trisodium)	Hydroxocobalamin	Hydroxocobalamin (monohydrate)	Hydroxocobalamin (acetate)	Stearic acid	Thiamine nitrate	Phosphorylcholine (chloride)	Phosphorylcholine	Lecithin	L-Carnitine (hydrochloride)	Empty

Plate layout: HY-L030-7

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	2'-Deoxycytidine	2'-Deoxyguanosine	2'-Deoxyuridine	Adenosine 5'-diphosphate (disodium)	Imidazole	Guanidine thiocyanate	Glutathione oxidized	Nitrosoglutathione	Tartaric acid (disodium dihydrate)	Phosphocreatine (disodium)	Empty
b	Empty	Glycylglycine	NADH (disodium salt)	NADP (sodium salt)	NADP (disodium salt)	β -Nicotinamide mononucleotide	Indole-2-carboxylic acid	D-(+)-Glucono-1,5-lactone	Epiandrosterone	N-Acetylneuraminic acid	Cytosine	Empty
c	Empty	Picolinic acid	Uracil	L-Alloisoleucine	Geniposidic acid	Costunolide	D-arabinose	γ -Aminobutyric acid	Bilobalide	N6-Methyladenosine	Hypoxanthine	Empty
d	Empty	Inosine	Guanosine	Vanillin	5-Hydroxytryptophan	Shikimic acid	Salicin	Orotic acid	Hydroxycholeic acid	Indole-3-carbinol	Ecdysone	Empty
e	Empty	Indole-3-butyric acid	Arbutin	L-Phenylalanine	L-Alanine	β -Alanine	Stachydrine	5-Aminolevulinic acid	Cholic acid	Cholic acid (sodium)	L-Methionine	Empty
f	Empty	Syringic acid	p-Coumaric acid	D-Mannitol	D-Mannose	Homovanillic acid	L-Glutamine	L-Citrulline	Trigonelline	Succinic acid	Diosbulbin B	Empty
g	Empty	Progesterone	L-Arginine	L-Arginine (hydrochloride)	L-Arginine (L-glutamate)	L-Lysine	L-Lysine hydrochloride	L-Tyrosine	Tyrosol	L-Leucine	Glucosamine (sulfate)	Empty
h	Empty	α -Lipoic Acid	Gallic acid	Gallic acid (hydrate)	Xylose	Xylitol	Allantoin	Taurocholic acid (sodium)	Umbelliferone	Hydrocortisone	Deoxycholic acid	Empty

Plate layout: HY-L030-8

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Deoxycholic acid sodium salt	trans-Cinnamic acid	Cinnamic acid	Sucralose	Eriodictyol	Silydianin	L-Serine	L-Threonine	L-Aspartic acid	Aspartic acid (calcium)	Empty
b	Empty	L-Aspartic acid (sodium)	L-Aspartic acid (disodium)	L-Asparagine	Thiamine (hydrochloride)	D-Pantothenic acid	Pyridoxine (hydrochloride)	α -Vitamin E	Vitamin K1	Vanillic acid	Glucosamine (hydrochloride)	Empty
c	Empty	Stachydrine hydrochloride	L-Isoleucine	Isorhamnetin	L-Histidine	Manninotriose	D-(+)-Trehalose	D-(+)-Trehalose dihydrate	Squalene	Reticuline	4-Methoxycinnamic acid	Empty
d	Empty	2-Methoxybenzoic acid	p-Anisic acid	β -Caryophyllene	Glycocholic acid	Glycocholic acid (sodium)	Glycocholic acid	Glycodeoxycholate (Sodium)	Citric acid	Citric acid (monohydrate)	Taurochenodeoxycholic acid (sodium)	Empty
e	Empty	Oleic acid	Campesterol	(-)-Fucose	Maltopentaose	Pyrogallol	3-(2,4-Dihydroxyphenyl)propanoic acid	4-Hydroxyphenylacetic acid	Ergothioneine	Nerolidol	Triolein	Empty
f	Empty	Maltose	Maltose monohydrate	Taurochenodeoxycholic acid	Myristic acid	7,4'-Di-O-methylapigenin	D-(+)-Cellobiose	Oleamide	Glycochenodeoxycholic acid	Glycochenodeoxycholic acid sodium	11 β -Hydroxyprogesterone	Empty
g	Empty	Cholesteryl behenate	Arabinose	DL-Alanine	27-Hydroxycholesterol	p-Hydroxycinnamic acid	Dihydrocaffeic acid	Maltotetraose	1-Monomycin	Nervonic acid	Damascenone	Empty
h	Empty	Maltohexaose	Zinc Phytate	Isocorydine	Isomaltose	D-chiro-Inositol	D-Arabitol	Phosphorylethanolamine	Calycanthine	5'-Guanylic acid	D-Glucuronic acid	Empty

Plate layout: HY-L030-9

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	5,6-Dihydro-5-methyluracil	Geraniol	Crustecdysone	Uridine 5'-diphosphoglucose	Inulin	D-Fructose	(E)-m-Coumaric acid	Gamma-Linolenic acid	γ-Tocopherol	D-Erythrose 4-phosphate (sodium)	Empty
b	Empty	4,6-O-Ethylidene-α-D-glucose	N-acetyldopamine	O-Nornuciferine	Stachyose	Octanal	cis-5-Dodecenoic acid	[Leu5]-Enkephalin	Enterostatin(human, mouse, rat)	Dynorphin A (1-8)	γ-Glu-Gly	Empty
c	Empty	cis,cis-Muconic acid	3,4-Dihydroxybenzeneacetic	3-Hydroxyphenylacetic acid	Indole	3-Hydroxyanthranilic acid	2,5-Dihydroxybenzoic acid	Pyrrole-2-carboxylic acid	6-Hydroxynicotinic acid	L-Homoserine	3-Hydroxybenzoic acid	Empty
d	Empty	Ac-Ala-OH	4-Hydroxybenzylamine	2-(4-Methoxyphenyl)acetic acid	Arachidic acid	Undecanoic acid	Pentadecanoic acid	3-Butyric acid	2,6-Dimethylhydroquinone	5-Hydroxymethyluracil	Octadecanedioic acid	Empty
e	Empty	5-Hydroxymethyl-2-	3-(3-Hydroxyphenyl)propionic	1-Hydroxy-2-butanone	3-Methyl-2-oxobutanoic acid	Sodium 3-methyl-2-oxobutanoate	(2-Aminoethyl)phosphonic	5α-Pregnane-3,20-dione	H-Val-Ala-OH	m-Anisaldehyde	1,2-Cyclohexanedione	Empty
f	Empty	Skatole	Indole-3-carboxaldehyde	2,4-Dihydroxybenzaldehyde	5-Methoxyindole-3-acetic	Tyramine	Imidazoleacetic acid (hydrochloride)	Methyl 3-phenylpropanoate	5-Methoxysalicylic acid	2-Hydroxy-4-methylbenzaldehyde	Dimethylmalonic acid	Empty
g	Empty	2-Oxobutanoic acid	5-Methylcytosine	2-Hydroxy-3-methylbutanoic acid	5-Hydroxyindole-3-acetic	2(5H)-Furanone	H-HoArg-OH	1-Methylxanthine	H-Tyr(3-I)-OH	2'-Deoxyinosine	7,8-Dihydro-L-biopterin	Empty
h	Empty	Normetanephine (hydrochloride)	Phosphoenolpyruvic acid (potassium)	Glutaric acid	Tricosanoic acid	Citric acid (tripotassium hydrate)	Cytidine 5'-monophosphate	2'-Deoxycytidine-5'	N-Acetylmuramic acid	9-cis-Retinal	H-Val-Tyr-OH	Empty

Plate layout: HY-L030-10

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	D-Ribose 5-phosphate (disodium)	D-Ribose 5-phosphate (disodium)	5-Methyluridine	L-Cystathionine	?Hydroxyphenylpyruvic	Scyllo-Inositol	4-(1,2-Dihydroxyethyl)benzene-	L-Methionine sulfoxide	Methionine sulfoxide	Tryptophol	Empty
b	Empty	4,6-Dioxoheptanoic acid	Phenylglyoxylic acid	L-Homocysteine	2-Methylsuccinic acid	Oxaloacetic acid	Creatine	Sulcatone	Thymine	3-Hydroxybutyric acid	2,3,5-Trimethylpyrazine	Empty
c	Empty	DL-Norvaline	2-Methylcyclohexanone	H-Abu-OH	Tetrahydrothiophene-3-one	3-Methylbut-2-enoic acid	Cholesteryl linoleate	ATP (disodium salt hydrate)	1,2-Dipalmitoyl-sn-glycerol	Guanosine 5'-triphosphate (disodium)	Adenosine 5'-diphosphate	Empty
d	Empty	5'-Guanylic acid (disodium)	Phytosphingosine	Cinnabarinic acid	Xanthosine	8-Hydroxy-2'-deoxyguanosine	2'-O-Methyladenosine	2'-Deoxyadenosine	Phosphoenolpyruvic acid (tricyclohexyl)	Palmitoleic acid	6-Hydroxymelatonin	Empty
e	Empty	N-Acetyl-L-tryptophan	5-Methyl-2'-deoxycytidine	3,4,5-Trimethoxycinnamic acid	Dodecanedioic acid	H-HomoArg-OH.HCl	N-Acetyl-L-tyrosine	H-D-Trp-OH	DL-Tryptophan	N-Acetyl-L-methionine	Phenylpyruvic acid	Empty
f	Empty	2-Hydroxycinnamic acid	Decyl aldehyde	2,4-Dihydroxybenzoic acid	4-Ethylbenzaldehyde	3-Amino-4-methylpentanoic acid	4-Methyl-2-oxopentanoic acid	L-Pipecolic acid	Sodium 2-hydroxybutanoate	4-Methylcatechol	4-Ethylphenol	Empty
g	Empty	D-Threitol	p-Tolualdehyde	Dihydrouracil	2-Furoic acid	3-Amino-2-methylpropanoic acid	Isovaleric acid	3-Methyl-2-cyclopenten-1-one	Phosphoribosyl pyrophosphate	Docosanoic acid	Uridine triphosphate (trisodium)	Empty
h	Empty	Cytidine 5'-triphosphate (disodium)	Uridine 5'-monophosphate disodium	Gondoic acid	L-Carnosine	Calcium 2-oxoglutarate	2,3-Diaminopropionic acid	1-Hydroxypyrene	Undecanedioic acid	N-Acetyl-L-arginine	Mucic acid	Empty

Plate layout: HY-L030-11

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	D-Kynurenine	2,4-Di-tert-butylphenol	Eugenol acetate	Xanthurenic acid	Decanedioic acid	2-Naphthoxyacetic acid	1,3-Dimethyluric acid	2-(2-Methylbenzamido)acetic	Phenylacetylglutamine	L-2-Hydroxyglutamic acid	Empty
b	Empty	Methyl 2-(1H-indol-3-yl)acetate	3-Indolepropionic acid	N-Acetyl-L-glutamic acid	Suberic acid	3-Hydroxymandelic acid	Methyl anisate	Desaminotyrosine	L-Lysine hydrate	Disodium succinate	N-Isovalerylglycine	Empty
c	Empty	Acetylvaline	L-Dihydroorotic acid	2-Hydroxyphenylacetic acid	2-Phenylpropionic acid	L-(+)-Arabinose	2',4'-Dimethylacetophenone	4-Hydroxycyclohexanecarboxylic acid	1,4-Dimethoxybenzene	Ompenacil	(R)-3-Hydroxybutanoic acid	Empty
d	Empty	2-Hydroxy-2-methylbutanoic acid	5-Aminovaleric acid	Fumaric acid	γ-Hexalactone	Sodium 2-oxopropanoate	(2R,3R)-Butane-2,3-diol	Glycolic acid	2'-Deoxyadenosine-5'	4-Amino-L-phenylalanine	3-(3-Methoxyphenyl)propionic	Empty
e	Empty	Paraxanthine	Hippuric acid	L-Gulonono-1,4-lactone	For-Met-OH	L-Cysteine (hydrochloride hydrate)	2-Amino-5-ureidopentanoic acid	Pentane-1,5-diamine (dihydrochloride)	D-Arginine	Indole-3-acetamide	Glycyl-L-valine	Empty
f	Empty	(S)-2-acetamido-4-amino-4-	trans-Aconitic acid	(Z)-Aconitic acid	Tyramine (hydrochloride)	H-Gly-Pro-OH	1-Methyl-L-histidine	3-Methyl-L-histidine	L-Ornithine (hydrochloride)	4-Methylbiphenyl	2-Mercaptobenzoic acid	Empty
g	Empty	Melilotic acid	DL-3-Phenyllactic acid	7-Methylxanthine	L-Cysteinesulfinic acid	Carveol	Xanthine	DL-Asparagine	Mesitaldehyde	5,6-Dimethyl-1H-benzod[imidazole]	Adipic acid	Empty

<i>h</i>	Empty	2-Methylpentanedioic acid	(Ethoxymethyl)benzene	S-Adenosyl-L-methionine (disulfate)	Hexadecanedioic acid	2-Phenylacetamide	Mono-(2-ethylhexyl) phthalate	(S)-2-Hydroxybutanoic acid	Methyl p-tert-butylphenylacetate	7-Ketolithocholic acid	D-Cysteine	Empty
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Plate layout: HY-L030-12

	1	2	3	4	5	6	7	8	9	10	11	12
<i>a</i>	Empty	Cyclohexane acetic acid	D-Ribose(mixture of isomers)	Meconine	2-Hydroxymethyl benzoic	N4-Acetylcytidine	D-Erythro-dihydrosphingosine	2-Methoxy-4-vinylphenol	Lanosterol	3-(3,4,5-Trimethoxyphenyl)propanol	Ethoxyacetic acid	Empty
<i>b</i>	Empty	5-Phenylvaleric acid	3,5-Dihydroxyacetophenone	2-Methylbenzoxazole	2-Acetyl-3-ethylpyrazine	γ -Cyclodextrin	Neopterin	L-Alanyl-L-leucine	L-Arabinitol	Cyclic N-Acetyl-D-mannosamine	(3S,4R,5S)-1,3,4,5,6-Pentahydroxy	Empty
<i>c</i>	Empty	Saccharopine (hydrochloride)	2'-Deoxyadenosine	DL-Homocysteine	2-Ethylpyrazine	5-Hydroxytryptophol	3-Chloro-L-tyrosine	4-Methyl-1-phenyl-2-pentanone	2-Piperidone	Acetyl-L-lysine	Phenylacetylglutamine	Empty
<i>d</i>	Empty	(S)-3-Hydroxybutanoic acid	L-Azetidine-2-carboxylic acid	Levogluconic acid	(R)-3-Hydroxybutanoic acid	1-Methylhistamine	4-Nitrocatechol	Spinacine	α -Lactose (hydrate)	3'-O-Methylguanosine	2'-Deoxyadenosine 5'	Empty
<i>e</i>	Empty	L-Prolylglycine	L-Norleucine	3-Hydroxypicolinic acid	4,4-Dimethoxy-2-butanone	Oxindole	N-Acetyl-L-phenylalanine	N-Acetylglycine	D-Phenylalanine	2-Naphthol	NSC 16590	Empty
<i>f</i>	Empty	D(-)-2-Aminobutyric acid	3-Indoleacetoneitrile	D-Pipecolinic acid	α -Pyridone	Pyrocatechuic acid	Farnesol	L-Proline	Oxalic acid, 99%	4-Hydroxybenzoic acid	Phenoxyacetic acid	Empty
<i>g</i>	Empty	Urea	1-Dodecanol	L-Tartaric acid	p-Hydroxybenzaldehyde	L-Cysteine	L-Cysteine (hydrochloride)	Lauric acid	Maleic Acid	D-Leucine	Dulcitol	Empty
<i>h</i>	Empty	L-Lactic acid	Formic acid (ammonium)	N-Methylsarcosine	Itaconic acid	D-Gluconic acid (calcium hydrate)	D-Gluconic acid (potassium)	4-Pentenoic acid	Pipecolic acid	4-Methoxybenzaldehyde	3-Methoxybenzoic acid	Empty

Plate layout: HY-L030-13

	1	2	3	4	5	6	7	8	9	10	11	12
<i>a</i>	Empty	Pyruvic acid	Levulinic acid	Glycine	(S)-Malic acid	Hydrocinnamic acid	Pimelic acid	Diphenyl disulfide	Malic acid	Dimethyl sulfone	Hydroxyacetone	Empty
<i>b</i>	Empty	Cyclohexane carboxylic acid	2,6-Dibromophenol	β -Aminopropionitrile	1-Hydroxyoctadecane	2-Acetonaphthone	Benzamide	Empty	Empty	Empty	Empty	Empty
<i>c</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>d</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>e</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>f</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>g</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
<i>h</i>	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty