

## Medicine Food Homology Compound Library (96-well)

### Product Details:

Catalog Number:	HY-L055
Formulation:	A collection of 1,721 medicine food homology compounds 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 or dry ice
Packaging:	Inert gas

### Plate layout: HY-L055-1

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	meso-Erythritol	Abscisic acid	Flopropione	(-)-(S)-Equisol	(±)-Equisol	D-Glutamine	Spiramycin	Guvacine hydrochloride	Choline (bitartrate)	Harmine	Empty
b	Empty	Nicotinamide N-oxide	Zearalenone	Betulinic acid	Smilagenin	Procyanidin B4	Lucidenic acid D	Breviscapine	5 $\alpha$ -Cholestan-3 $\beta$ -ol	Flavonol	DL-Mevalonolactone	Empty
c	Empty	Delphinidin 3-glucoside (chloride)	Pyrethrin II	Mogrosin III-A1	Ginsenoside F5	Sabinene	Carvone	Leelamine (hydrochloride)	Dehydroascorbic acid	Cirsiliol	1-Linoleoyl Glycerol	Empty
d	Empty	(R)-(+)-Citronellal	1,2,3,6-Tetragalloyl glucose	$\gamma$ -Sanshool	7-Methoxyrosmanol	Cymarol	Maltotriose	Elaidic acid	Delta-Tocopherol	Eicosadienoic acid	Desmosterol	Empty
e	Empty	Homogentisic acid	Brassicasterol	$\beta$ -D-Fructose	Myristoleic acid	Turanose	DL-Dopa	trans-Vaccenic acid	Cyclic GMP (sodium)	Lathosterol	Stachyose (tetrahydrate)	Empty
f	Empty	Se-Methylselenocysteine	Enocyanin	Anisylacetone	(S)-(?)-Perillyl alcohol	Diallyl Trisulfide	Ascaridole	Traumatic Acid	Fortunellin	Gossypetin	Vinorelbine (ditartrate)	Empty
g	Empty	Gingerone A	Chalcone	Aeruginol	Chrysenol	Iberverin	trans-Caffeic acid	Neomagnolol	Ledol	Hexadecanamide	(?)-Myrtenal	Empty
h	Empty	Heneicosanoic acid	Chrysoeriol	$\alpha$ -Phellandrene	Roemerin	Lignoceric acid	Dihydrolanosterol	Scopolin	(-)-Camphoric acid	Eburicoic acid	Batatasin III	Empty

### Plate layout: HY-L055-2

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Ganoderic acid N	Yakuchinone A	Lobetyolin	N-Methylnicotinamide	(R)-Citronellol	Pentacosanoic acid	Graveolin	Tetrahydroharmin	Secologanin	Ginsenoside F2	Empty
b	Empty	Gossypin	Lupeol acetate	Piperlonguminine	Furanodiene	Tristearin	3',4'-Dihydroxyflavone	3-Hydroxycoumarin	Makisterone A	2,3-Butanediol	Trilinolein	Empty
c	Empty	4-Phenyl-7,8-dihydrocoumarin	Trans-?-Hexenal	Allyl methyl sulfide	Dimethyl trisulfide	Monoolein	Luteolinidin (chloride)	Fagomine	Isobavachalcone	Colchicoside	Tricetin	Empty
d	Empty	Vinpocetine	5-Hydroxyferulic acid	7-Ethoxycoumarin	$\beta$ -Glucogallin	Chrysoobtusin	24-Methylenecholesterol	Aloperine	Chinese gallotannin	Chrysophanol	4,4'-Dimethoxychalcone	Empty
e	Empty	(-)-Epigallocatechin Gallate	$\beta$ -Bisabolene	Meisoindigo	Norepinephrine (hydrochloride)	Norepinephrine (tartrate)	Silybin A	(R)-Sulforaphane	6-Thioguanine	Vinblastine (sulfate)	Miquelianin	Empty
f	Empty	Eriose	Emodin	Stigmastan-3 $\beta$ -ol	Chrysin	Kaempferol	Tectochrysin	Biochanin A	Genistein	L-Glutamic acid	L-Glutamic acid (monosodium)	Empty
g	Empty	[6]-Gingerol	Shogaol	Paradol	Zingerone	Dieckol	1-Deoxyojirimycin	1-Deoxyojirimycin	Bardoxolone	Myricetin	Sinomenine	Empty
h	Empty	Sinomenine hydrochloride	Dimethylcurcumin	Hesperidin	Kaempferide	Ellipticine	Ellipticine (hydrochloride)	Bismuth subcitrate (potassium)	Crocetin (disodium)	Butein	Resveratrol	Empty

### Plate layout: HY-L055-3

1	2	3	4	5	6	7	8	9	10	11	12
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a	Empty	10-Deacetylba <sup>cc</sup> atin III	Colchicine	Brefeldin A	Folic acid	5'-Methylthioade <sup>n</sup> osine	Genipin	Limonin	Embelin	Folinic acid	Berberine (chloride hydrate)	Empty
b	Empty	Quercetin	Berberine (chloride)	Rottlerin	Decursin	trans-Zeatin	D-(+)-Malic acid	Methyl linolenate	Hygric acid	Poly(4-vinylphenol)	Methoxsalen	Empty
c	Empty	Xanthotoxol	Mequinol	Triptolide	Eugenin	2'-Hydroxy-4'-methylacetop <sup>h</sup> enone	2,5-Dimethylpyra <sup>z</sup> ine	L-Hydroxyprolin <sup>e</sup>	Indole-3-carboxylic acid	cis-Isolimonenol	Piperonylic acid	Empty
d	Empty	Octanoic acid	D-Alanine	Crocetin (meglumine)	(-)-Menthol	Coumaran	Azetidine-2-carboxylic acid	Methyl vanillate	trans-4-Hydroxycyclohexanecarbo	3-Furaldehyde	Ammonium glycyrrhizinat <sup>e</sup>	Empty
e	Empty	Bergaptol	Methyl N-methylanthra <sup>n</sup> ilate	1,3-Butanediol	Cysteamine (hydrochlorid <sup>e</sup> )	Cinnamoyl gly <sup>c</sup> ine	Benzyl isothiocyanat <sup>e</sup>	Pyrrrole-2-carboxaldehy <sup>d</sup> e	m-Tolualdehyde	Methyl indole-3-carboxylate	Tolazoline (hydrochlorid <sup>e</sup> )	Empty
f	Empty	Thiamine monochloride	Histamine (phosphate)	Deslanoside	Adenosine monophosphat <sup>e</sup>	Paclitaxel	Azulene	Minoxidil	Aminophylline	Estradiol	Niacin	Empty
g	Empty	Adenine	L-Ascorbic acid (sodium salt)	Salicylic acid	Ellagic acid	Acetylcystein <sup>e</sup>	Adenosine	Estrone	Vitamin B12	Menadione	Taurine	Empty
h	Empty	Ginkgolide A	L-Carnitine	D-Sorbitol	Estriol	Novobiocin (sodium)	D-Pantothenic acid	D-Pantothenic acid (sodium)	Riboflavin	Scopine	Biotin	Empty

Plate layout: HY-L055-4

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Tylosin (tartrate)	Tylosin	Tylosin (phosphate)	Octopamine (hydrochlorid <sup>e</sup> )	Propranolol (hydrochlorid <sup>e</sup> )	Propranolol	Butylphthalide	Azelaic acid	Histamine (dihydrochlorid <sup>e</sup> )	Dihydroergoto <sup>x</sup> ine (mesylate)	Empty
b	Empty	Benzyl alcohol	Anethole	10-Undecenoic acid	Danthron	Benzyl benzoate	Hydroquinidin <sup>e</sup>	L-SelenoMethio <sup>n</sup> ine	Vincamine	DL-Xylose	(+)-Camphor	Empty
c	Empty	Vinburnine	Atropine	Urethane	Protoporphyrin IX	2-Phenylethano <sup>l</sup>	Lithium citrate (tetrahydrate)	Pyridoxine	Choline (chloride)	L-Ornithine	i-Inositol	Empty
d	Empty	Salicyl alcohol	1-Hexadecanol	2,2,2-Trichloroethano <sup>l</sup>	Cyclic AMP	L-Canavanine (sulfate)	Sodium citrate (dihydrate)	Corticosteron <sup>e</sup>	Ethyl Vanillate	(+)-Kavain	Methyl nicotinate	Empty
e	Empty	Spermine	Spermine (tetrahydrochlorid <sup>e</sup> )	Forchlorfenur <sup>on</sup>	(±)-Catechin	(+)-Bornyl acetate	Methyl stearate	DEHP	Escin	Uric acid (sodium)	Vitamin K	Empty
f	Empty	Stearic acid	Thiamine nitrate	4-Methylhemari <sup>n</sup>	Thymoquinon <sup>e</sup>	Isovanillin	(-)-Epicatechin	Honokiol	Curcumin	Demethoxycu <sup>r</sup> cumin	(E/Z)-Demethoxycu <sup>r</sup> cumin	Empty
g	Empty	(E,E)-Bisdemethoxy curcumin	Bisdemethoxy curcumin	Orcinol glucoside	Geniposide	Geniposidic acid	Glycitin	Vitexin	Icariin	Astragalgin	Glycitein	Empty
h	Empty	Daidzin	Daidzein	Echinacoside	Verbascoside	Cistanoside A	2'-Acetylacteosid <sup>e</sup>	Arctiin	Alantolactone	Ginsenoside Rb1	Ginsenoside Rb2	Empty

Plate layout: HY-L055-5

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Ginsenoside Rb3	Ginsenoside Rc	Ginsenoside Rd	Ginsenoside Re	Ginsenoside Rg1	Notoginsenosid <sup>e</sup> Fe	Polyphyllin I	Nuciferine	Allomatrine	Sanguinarin <sup>e</sup> (chloride)	Empty
b	Empty	Psoralen	Osthole	Chlorogenic acid	Isochlorogeni <sup>c</sup> acid A	3,4-Dicaffeoylquin <sup>i</sup> c acid	4,5-Dicaffeoylquin <sup>i</sup> c acid	D-arabinose	Ferulic acid	Ferulic acid (sodium)	(E)-Ferulic acid	Empty
c	Empty	Angoroside C	Punicalagin	Macelignan	γ-Aminobutyric acid	Crotonoside	Byakangelicol	(Rac)-Byakangelicin	Bilobalide	Ginkgolic Acid	Ginkgolic Acid (C13:0)	Empty
d	Empty	Praeruptorin C	Betulin	Betulinaldehy <sup>d</sup> e	Apocynin	Hypoxanthine	Inosine	Guanosine	Vanillin	Naringenin	Neohesperidi <sup>n</sup>	Empty
e	Empty	Isoliquiritigeni <sup>n</sup>	Sophocarpine	Sophocarpine (monohydrate)	Curcumol	Salidroside	Dihydromyric <sup>e</sup> tin	Hordenine	Evodiamine	Gastrodin	Naringin Dihydrochalc <sup>o</sup> ne	Empty
f	Empty	(E/Z)-Polydatin	Sesamin	Dioscin	Diosmetin	Sclareol	Sclareolide	Shikimic acid	Synephrine	Synephrine (hydrochlorid <sup>e</sup> )	Tangeretin	Empty
g	Empty	Taxifolin	Ursolic acid	Parthenolide	Phloretin	Phlorizin	Piperine	Puerarin	Quercetin (dihydrate)	Rutin	Rutin (hydrate)	Empty
h	Empty	Salicin	Myricitrin	Naringin	Neohesperidi <sup>n</sup> dihydrochalc <sup>o</sup>	Nobiletin	Oleanolic acid	Paeonol	Kinetin	Luteolin	Magnolol	Empty

Plate layout: HY-L055-6

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Methyl-Hesperidin	Gramine	Gynostemma Extract	Hesperetin	Beta-Sitosterol (purity>98%)	Caffeic acid	Cytisinicline	Diosmin	18β-Glycyrrhetic acid	Ergosterol	Empty
b	Empty	Fisetin	Fisetin (quarterhydrate)	Formononetin	Glycyrrhizic acid	Dipotassium glycyrrhizinate	Esculin	Aloe emodin	Amygdalin	Andrographolide	Baicalin	Empty
c	Empty	Atractylenolide I	Atractylenolide II	Atractylenolide III	Patchouli alcohol	Cyasterone	L-Phenylalanine	Benzoic acid	Dauricine	Daurisoline	Avicularin	Empty
d	Empty	(-)-Epigallocatechin	Epiberberine (chloride)	7-epi-Taxol	Scoparone	L-Alanine	Herbacetin	alpha-Hederin	Hederagenin	Epimedin A	Aurantio-obtusin	Empty
e	Empty	Cordycepin	Ligustrazine	Asperosaponin VI	Dipsacaside B	Hypaconitine	Irisfloreantin	Echinatin	Ononin	Caffeic acid phenethyl ester	Corosolic acid	Empty
f	Empty	Daphnetin	Demecolcine	Diacerein	Esculetin	Imperatorin	Isoimperatorin	Mangiferin	Oleuropein	Protocatechuic acid	Protocatechualdehyde	Empty
g	Empty	Sinensetin	Stachydrine	Tetrahydropalmatine	Tetrahydropalmatine (hydrochloride)	Thiocolchicoside	Soyasaponin Ba	Soyasaponin Bb	Pectolarin	Caftaric acid	Cholic acid	Empty
h	Empty	Cholic acid (sodium)	DL-Methionine	L-Methionine	Lobetyolin	alpha-Mangostin	Ziyuglycoside I	3-Butylideneephthalide	(Z)-3-Butylideneephthalide	Eugenol	(-)-Syringaresnol 4-O-β-D-	Empty

Plate layout: HY-L055-7

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Syringic acid	Scopolin	Scopoletin	Helicid	(E)-Ethyl p-methoxycinnamate	Methyl paraben	p-Coumaric acid	Curdione	Anthraquinone	(+)-Catechin hydrate	Empty
b	Empty	1,4-Dicaffeoylquinic acid	Cynarin	Dihydrocapsaicin	Columbianadin	(+)-Columbianetin	(+)-Columbianetin acetate	Falcarindiol	Trans-Anethole	Linalool	Bergapten	Empty
c	Empty	Pachymic acid	Licochalcone B	Licochalcone C	18α-Glycyrrhetic acid	Liquiritin	Liquiritigenin	D-Mannitol	Nardosinone	Maackiain	Galangin	Empty
d	Empty	Rhynchophylline	L-Glutamine	L-Citrulline	Glabridin	Fructose	Harpagoside	Wogonin	Sinigrin	Orientin	Picroside II	Empty
e	Empty	Sesamoside	Trigonelline	Quercitrin	Quercimeritrin	Succinic acid	Sophoricoside	Cyclogalenin	Obacunone	Diosbulbin B	Coptisine (Sulfate)	Empty
f	Empty	Astragaloside IV	Astragaloside I	Astragaloside II	Astragaloside III	Engeletin	Germacrone	Neferine	5-O-Methylvisamioside	N-Methylcytosine	8-Gingerol	Empty
g	Empty	10-Gingerol	Nordihydrocapsaicin	Sinapine (thiocyanate)	Acacetin	Hyperoside	DL-Arginine	L-Arginine	L-Arginine (hydrochloride)	L-Arginine (L-glutamate)	Chicoric acid	Empty
h	Empty	L-Chicoric Acid	3,5-O-Dicaffeoylquinic acid	1-Caffeoylquinic acid	Corilagin	Blinin	D-(-)-Quinic acid	Rebaudioside A	Rebaudioside C	L-Lysine	L-Hyoscyamine	Empty

Plate layout: HY-L055-8

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Geraniin	L-Tyrosine	Tyrosol	Neoline	Licarin B	Reserpine	Reserpine (hydrochloride)	Roburic acid	Liensinine	Liensinine (Diperchlorate)	Empty
b	Empty	L-Leucine	Vincristine (sulfate)	Gentiopicroside	Aloenin	Nitidine (chloride)	Cyanidin (Chloride)	Mogroside III	11-oxo-mogroside V	Mogroside V	Rosarin	Empty
c	Empty	Rosavin	Astilbin	Loganin	Loganic acid	Casticin	Erianin	Calycosin	Calycosin-7-O-β-D-glucoside	(-)-Gallocatechin	(+)-Gallocatechin	Empty
d	Empty	Gallic acid	Gallic acid (hydrate)	Propyl gallate	Ethyl gallate	2"-O-Galloylhyperin	Pentagalloylglucose	Linarin	Rosmarinic acid	Morrinoside	Vitexin-2"-O-rhamnoside	Empty
e	Empty	Xylose	Cynaroside	Pseudoginsenoside F11	Pseudoginsenoside RT5	Allantoin	Nomilin	α-Angelicalactone	(-)-α-Pinene	Wedelolactone	Gypenoside XVII	Empty
f	Empty	Escin IA	Alnustone	23-Hydroxybetulinic acid	Hydroxysafflor yellow A	Madecassoside	Madecassic acid	Hydroxytyrosol	Purpurin	Umbelliferone	Pinocembrin	Empty
g	Empty	Solanesol	Apigenin 7-glucoside	Deapioplatyodin D	Dehydrodiseugenol	Deacetylasperulosidic Acid	Genistin	Panaxadiol	Panaxatriol	Ginsenoside F1	Ginsenoside F3	Empty
h	Empty	Ginsenoside Rf	Ginsenoside Rg2	20(S)-Ginsenoside Rg3	Ginsenoside Rh1	Ginsenoside Rh2	Ginsenoside Rh3	Ginsenoside Ro	Myrisignan	trans-Cinnamic acid	Cinnamic acid	Empty

Plate layout: HY-L055-9

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Siamenoside I	Sucralose	Notoginsenoside R1	Trifolirhizin	Sangganon D	Mulberroside A	Mulberroside C	Morin	Morusin	L-Tryptophan	Empty
b	Empty	Alpinetin	Sorbic acid	Kaempferol-7-O-β-D-glucopyranoside	Kaempferitrin	Maslinic acid	Shanzhiside methyl ester	Cornuside	Muscone	Eriocitrin	Eriodictyol	Empty
c	Empty	(±)-Eriodictyol	Kuromanin (chloride)	α-L-Rhamnose monohydrate	Narcissin	L-Serine	Spinosin	Usnic acid	Pinoresinol Diglucoside	L-Threonine	Jujuboside A	Empty
d	Empty	Jujuboside B	Alliin	Amentoflavone	Aucubin	L-Aspartic acid	L-Asparagine	Rubusoside	Stevioside	Dehydroandrographolide	Dehydroandrographolide succinate	Empty
e	Empty	Kalium Dehydrographolide	Thiamine (hydrochloride)	D-Pantothenic acid	Pyridoxine (hydrochloride)	α-Vitamin E	Pseudoprotodioscin	Vindoline	Schisandrol B	Schisantherin B	Crocin	Empty
f	Empty	Crocin II	α-Asarone	(-)-Asarinin	Schaftoside	Curculigoside	Gracillin	Vanillic acid	Coumarin	Carvacrol	Diosmetin-7-O-β-D-glucopyranoside	Empty
g	Empty	Berberine	Berberine (dihydrochloride)	Berberine (hemisulfate)	Berberine (sulfate)	L-Valine	Neoandrographolide	Neochlorogenic acid	Neomangiferin	Mesaconitine	Dracorhodin perchlorate	Empty
h	Empty	Genkwanin	Coptisine (chloride)	Harmine (hydrochloride)	Harmine	Stachydrine hydrochloride	Leonurine	Leonurine (hydrochloride)	Oxysophocarpine	Oxypeucedanin	Monocrotaline	Empty

Plate layout: HY-L055-10

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Scutellarin	Scutellarein	Rhoifolin	Bornyl acetate	(-)-Bornyl acetate	8-O-Acetylharpagide	Barlerin	Isoferulic acid	trans-Isoferulic acid	Isobavachin	Empty
b	Empty	Angelicin	Isobergaptin	Isoliquiritin	Isorhynchophyllin	Isorientin	Quercetin 3-O-β-D-glucopyranoside	Isopimpinellin	Isoliensinine	L-Isoleucine	Isovitexin	Empty
c	Empty	Isorafaxidin	Isocorynoxene	Isorhamnetin	Isosilybin	Eupatilin	Ginkgolide B	Ginkgolide C	Ginkgolide J	Cryptochlorogenic acid	Lupeol	Empty
d	Empty	Tectoridin	Tectorigenin	Protopine	Procyanidin B1	Procyanidin B2	(20S)-Protopanaxadiol	20(R)-Protopanaxatriol	Protodioscin	Polygalacic acid	Tenuigenin	Empty
e	Empty	Myrcene	Narirutin	Swerside	Swertiamarin	Camphor	Sesamol	Phytic acid (dodecasodium hydrate)	Polyphyllin VI	Chikusetsusaponin Iva	Catalpol	Empty
f	Empty	Shikonin	Syringin	Nodakenin	Shionone	L-Histidine	(20S)-Protopanaxatriol	Veratramine	Quillaic acid	Bevirimat	Alisol A	Empty
g	Empty	Alisol F	Methyl protodioscin	Macranthoidin B	Ingenol	Isosteviol	Gamabufotalin	Telocinobufagin	Aloin B	Isoastragaloside I	Isoastragaloside II	Empty
h	Empty	Ginkgetin	Tubeimoside I	Tetrahydrocumin	Octahydrocumin	Catechin	Wilforine	Dihydrosanguinarine	Dihydrochelythrine	Ginsenoside C-K	Ginsenoside Rk3	Empty

Plate layout: HY-L055-11

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Ginsenoside Rg6	Ginsenoside Rg5	Notoginsenoside R2	Notoginsenoside F11	Rehmannioside D	Manniotriose	Ajugol	Yangonin	Dihydrokavain	Tetrahydroberberine	Empty
b	Empty	(-)-Isocorypalmine	Hexahydrocumin	Coixol	β-Damascone	(R)-5-Hydroxy-1,7-diphenyl-3-	Zederone	Xanthoxilin	Wilforgine	Wighteone	Officinarumine B	Empty
c	Empty	Velutin	Uvaol	Tricin	D-(+)-Trehalose	D-(+)-Trehalose dihydrate	Torachryson-8-O-β-D-glucoside	Taraxasterol	Moracin N	Sulfuretin	Suberosin	Empty
d	Empty	Apigenin	Spathulenol	Squalene	Senkyunolide G	Salvigenin	Robinin	Robinetin	Rhamnoscitrin	Reynoutrin	Royal Jelly acid	Empty
e	Empty	Isosopoletin	Herniarin	Menthol	(20R)-Ginsenoside Rg3	(E)-Cardamonin	Guaiaacol	Periplocin	Asperuloside	2-Methoxycinnamic acid	Tussilagone	Empty
f	Empty	Syringaldehyde	p-Anisic acid	Acetastrodin	(20R)-Ginsenoside Rh1	20(R)-Ginsenoside Rh2	Tigogenin	Platycodin D	1,3-Dicaffeoylquinic acid	Noricaritin	(E)-3',6'-Disinapoylsucrose	Empty
g	Empty	β-Caryophyllene	Pogostone	Sesamol	Vaccarin	Rhamnose	Rhamnose (monohydrate)	Glycocholic acid	Glycocholic acid (sodium)	Tiliroside	Raspberry ketone	Empty

h	Empty	Citric acid	Ferric citrate	Oxyresveratrol	Tabersonine	Methyl p-coumarate	Oroxin B	Hydroxygenwanin	Afzelin	Complanatuside	Isoquercitrin	Empty
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**Plate layout: HY-L055-12**

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Oleic acid	Sodium oleate	Ganoderic acid A	Betulonic acid	Chrysosplenin	Isoschaftoside	Campesterol	Luteolin 7-O-glucuronide	Aristolone	(-)?-?α-?Terpineol	Empty
b	Empty	Kaurenic acid	Liquiritin apioside	Levistolide A	Nicotiflorin	Dencichine	Gardenoside	(-)-Fucose	Methyl linoleate	Methyl palmitate	7β-Hydroxyliathyrol	Empty
c	Empty	Cycloastragenol	Uronic acid	Oleanonic acid	Nystose	Pulegone	Beta-asarone	Methyl deacetylasperulosidate	Loureirin A	Ecliptasaponin A	Ganoderic acid D	Empty
d	Empty	Ganoderenic acid D	Ganoderic acid C2	Prunin	Pyrogallol	Quassin	2'-O-Methylisoliquiritin	3',4'-Dihydroxyacetophenone	3,4-Dimethoxycinnamic acid	Kaempferol-7,4'-dimethyl ether	3'-Methoxydaidzein	Empty
e	Empty	3-O-Methylquercetin	trans-Cinnamyl alcohol	4',5-Dihydroxyflavone	4',??-?Di-?O-?methylnaringenin	4'-O-Methylbavachalcone	Danshensu	Coniferyl ferulate	Dihydrocoumarin	D(+)-Raffinose (pentahydrate)	Isosinensetin	Empty
f	Empty	5-O-Demethylnobiletin	Nerolidol	Homoplantaginin	Isoeugenol	Syringaresinol diglucoside	Gibberellic acid	Dihydrocurcumin	5,7-Dihydroxychromone	(+)-(3R,8S)-Falcarindiol	3'-Methoxypuerarin	Empty
g	Empty	4'-Methoxypuerarin	3'-Hydroxypuerarin	Triolein	Cucurbitacin D	Platicodigenin	Theaflavin 3,3'-digallate	5-Methyl-7-methoxyisoflavone	Chebulagic acid	Isoborneol	Ganoderic acid B	Empty
h	Empty	Veratric acid	Methyl gallate	Verbenalin	Hastatoside	Anacardic Acid	Maltose	Oroxin A	Parishin	Moslosooflavone	Mosloflavone	Empty

**Plate layout: HY-L055-13**

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Higenamine	Higenamine (hydrochloride)	3,7,5,26,27,28,33',24'-Heptemthox	20(R)-Ginsenoside Rg2	(20R)-Protopanaxadiol	Myristic acid	Methyl 3,4,5-trimethoxybenzoate	2,2':5',2"-Terthiophene	Kaempferol 3-O-sophoroside	Steviol	Empty
b	Empty	Withaferin A	Vanillyl alcohol	Didymin	Cedrol	Ethyl linolenate	Yamogenin	Skimmianine	Isorhamnetin 3-O-galactoside	Handelin	Perillartine	Empty
c	Empty	L-Perillaldehyde	Ethyl palmitate	Genipin 1-β-D-gentiobioside	Kavain	Obtusifolin	Dehydroevodiamine	Macranthoidin A	Phellopterin	Sedanolid	Araloside A	Empty
d	Empty	Ginkgolic acid C17:1	Isoginkgetin	Bilobetin	Sciadopitysin	Neoisoliquiritin	Neoliquiritin	Parishin B	Parishin C	Parishin E	N-Nornuciferine	Empty
e	Empty	Mirificin	Puerarin 6"-O-Xyloside	7,4'-Di-O-methylapigenin	4',7-Dimethoxyisoflavone	Tubuloside A	Paeonolide	6"-Feruloylspinosin	Vicenin 2	Sibiricoside A5	Pinoresinol 4-O-β-D-glucopyranoside	Empty
f	Empty	S-(+)-Marmesin	3-Dehydrotrametenolic acid	Baimaside	Furanodienone	(5R,6E)-5-Hydroxy-1,7-diphenyl-6-	Swertisin	Nootkatone	Podocarpusflavone A	Swertiajaponin	rel-(8R,8'R)-Dimethyl-(7S,7'R)-	Empty
g	Empty	4-Hydroxylonchocarpin	Isobavachromene	Ganoderal A	Ganoderol B	Guaijaverin	N-p-trans-Coumaroyltyramine	Licarin A	(-)-Oxypeucedanin hydrate	Poncirin	Curcumenol	Empty
h	Empty	8-Geranyloxyporalen	Skimmin	(+)-Schisandrin B	Nodakenetin	Kurarionone	Leachianone A	Deltonin	Kushenol I	Kuwanon A	Fucoxanthin	Empty

**Plate layout: HY-L055-14**

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Lirinidine	Mogrol	4'-Demethylpodophyllotoxin	Paulownin	Piperlongumine	Proscillaridin A	Coumestrol	Procyanidin C1	Procyanidin B3	DL-Alanine	Empty
b	Empty	Arecaidine	Arecaidine (hydrochloride)	Eupatorin	Menthone	Auraptene	p-Hydroxycinnamic acid	Kukoamine A	Chrysophanol 8-O-glucoside	Dihydrocaffeoyl c acid	N-trans-Feruloyltyramine	Empty
c	Empty	Irisolidone	Periplogenin	Stearyl glycyrrhettinate	Erythrodiol	Flavokawain A	Sequoyitol	7,2'-Dihydroxy-3',4'-	Flavone	[10]-Shogaol	[8]-Shogaol	Empty
d	Empty	2,3-Dihydroxysuccinic acid	Methyl isoeugenol	Sulforaphene	β-Elemonic acid	Mogrosin IV-E	Ganoderic acid G	Peonidin (chloride)	Aloesin	Ganoderic acid C6	Maltotetraose	Empty
e	Empty	Methylnissoin-3-O-glucoside	Methylnissoin	Demethylsuberosin	(E)-Methyl 4-coumarate	Lawson	Isomucronulatol	(R)-Isomucronulatol	Isoliquiritin apioside	Dehydrotumulosic acid	Tetrahydro podophyllotoxin	Empty
f	Empty	Ginsenoside Rk2	Iristectorigenin A	Ginsenoside Ra1	Myristicin	1-Monomyrustin	Ginsenoside Rk1	Tetramethylcurcumin	Nervonic acid	Notoginsenoside Fa	Notoginsenoside Fc	Empty

g	Empty	Diphyllin	Coniferaldehyde	(±)-Pinocebrin	Damascenone	(±)-Abscisic acid	Tiliarin	Maltohexaose	Senecionine	Euscaphic acid	Nepetin	Empty
h	Empty	1F-Fructofuranosyl ynlostose	1-Kestose	Isobornyl acetate	Isoxanthohumol	Isosaponarin	Lupenone	Prunetin	Methyl oleate	Kuwanon H	7,4'-Dihydroxyflavone	Empty

Plate layout: HY-L055-15

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Vomicine	3-?O-?Acetyloleanolic acid	Oxypeucedan in hydrate	Alloimperatorin	Liguiritigenin-7-O-D- apiosyl-4'-O-	Sterbin	8-Epideoxyloganic acid	Acanthoside B	Ursolic acid acetate	Allitol	Empty
b	Empty	Dihydrokaempferol	Aurantiamide acetate	Aurantiamide	β-Amyrin	β-Amyrin acetate	Dehydropachymic acid	Polyporenic acid C	Poricoic acid A	Ganoderenic acid A	Secoxyloganin	Empty
c	Empty	Artemitin	Isomaltose	Soyasaponin Ab	Soyasaponin Aa	Grosvenorine	Pinostilbene	Phytol	Pellitorine	(E)-p-Coumaryl alcohol	Pachypodol	Empty
d	Empty	Ombuin	N-Methylnuciferine	Mulberrofuran G	Moracin C	Meranzin	Medicarpin	Macurin	Kumatakenin	Kaempferol 3,7,4'-trimethyl	Juglanin	Empty
e	Empty	Isorhoifolin	Isomerazin	Mulberrin	Mulberroside F	Platycodin D3	Deapi-platycodin D3	Platycoside G1	Platycoside E	3-O-Beta-D-Glucopyranosylplatycodige	Caryophyllene oxide	Empty
f	Empty	Cauloside A	Coclaurine	Coniferin	(-)-Denudatin B	Deoxylapachol	Dihydropinosylvin	Dihydroresveratrol	Ergosterol peroxide	Eriodictyol-7-O-glucoside	Ethyl-p-methoxyhydrocinnamate	Empty
g	Empty	Ethyl β-D-glucopyranoside	Neoglycyrol	Glycyrrhisoflavone	Guaiol	Digitonin	Isoastilbin	Heraclenin	Helichrysetin	Glucoraphanin	6"-O-Acetylglycitin	Empty
h	Empty	O-Desmethylogolensin	Platycodin D2	Vicenin 3	Shanziside	Morellic acid	Tsugaric acid A	5,7-Dihydroxy-4-methylcoumarin	Fucosterol	Phyllanthin	Decursinol	Empty

Plate layout: HY-L055-16

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	L-Fucitol	Glycycoumarin	Picrocrocin	Hamamelitanin	Isocurcumenol	Orcinolgentiobioside	Poricoic acid B	Dehydroeburicoic acid monoacetate	6-Demethoxytangeretin	3'-Demethylnobiletin	Empty
b	Empty	Lonicerin	Tormentic acid	Schinifoline	Arnidiol	3-O-Methylgalangin	Chebulic acid	Ginkgolide K	Rubrofusarin gentiobioside	Aurantio-obtusin β-D-glucoside	Licochalcone E	Empty
c	Empty	Licoflavone C	Licoflavone B	Licoflavone A	Licochalcone D	Glabrol	Tetrahydropiperine	Isoastragaloside IV	Cistanoside F	Bisabolangelone	Kuwanon G	Empty
d	Empty	Panasenoside	Ginsenoside Ra3	Dehydronuciferine	Yangambin	Protogracillin	Oxyimperatorin	Coniferyl alcohol	Negletein	4-Methyladphnetin	4-Methylesculetin	Empty
e	Empty	3-Epioleanolic acid	Monensin B	Notoginsenoside FP2	Sarracenin	Lotusine (hydroxide)	Bryodulcosigenin	Ethoxysanguinarine	Macranthoside B	Liensinine (perchlorate)	Carabrone	Empty
f	Empty	Mauritianin	Saponin C, from Linope muscari	Estragole	Desmethyglycitein	Vitexin-4"-O-glucoside	Sinapine	Isoscoparin	Sophorabioside	Marmesinin	Neosmitilbin	Empty
g	Empty	Neoisoastilbin	Meloside A	(-)-Fenchone	Bacopaside X	α-Terpineol	Methylcaffeate	1,3,6-Tri-O-galloyl-beta-D-glucose	8-Hydroxybergapten	Beta-Eudesmol	Butin	Empty
h	Empty	Byakangelicin	Dehydroevodiamine (hydrochlorid)	Ganoderic acid F	Gardenin B	Isoanhydrocarritin	(-?)?-Maackiain	Obtusin	Polygalacin D	Raspberry ketone glucoside	Soyasapogenol A	Empty

Plate layout: HY-L055-17

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Soyasapogenol B	Specneuzhenide	meso-Dihydroguaiaretic acid	Feretoside	Isomucronolol 7-O-glucoside	Pinoresinol	7-Hydroxy-4H-chromen-4-one	3-Feruloylquinic acid	Pomolic acid	α-Solanine	Empty
b	Empty	D-Glucuronic acid	DL-Mannitol	Skullcapflavone II	trans-Nerolidol	Crocin III	6-Hydroxycoumarin	6-Hydroxy-4-methylcoumarin	Verbenone	(+)-Longifolene	3-Carene	Empty
c	Empty	Gardenia yellow	β-?Apo-?8'-?carotenal	ar-Turmerone	Diammonium Glycyrrhizinate	Isoeugenol acetate	Elemicin	Rebaudioside B	Thymol	Mogroside IIe	Isomogroside V	Empty
d	Empty	5,??,24'-?Trimethoxyflavone	Hydroxy-β-sanshool	Hydroxy-α-sanshool	Monocrotaline N-Oxide	Retusin	Rebaudioside M	Fructo-?oligosaccharide DP7/GF6	1,1,1,1-Kestohexaose	Glycyrrhetic acid 3-O-β-D-glucuronide	Mogroside I E1	Empty
e	Empty	Mogroside IIA1	4-Hydroxycoumarin	Armepavine	Lucideric acid A	Isovanillic acid	Gomisin N	Dehydroabietic acid	Abietic acid	Secologanoside	Bixin	Empty

f	Empty	Violanthin	Isoviolanthin	Licorice-saponin H2	18 $\alpha$ -Glycyrrhizic acid	Mogroside II-?A	Cauloside C	11-Oxomogroside III E	Mogroside III-E	Angelic acid	Mogroside IV-A	Empty
g	Empty	Mogroside IV	Lutein	Linalyl acetate	Geraniol	Choerospondin	Ethyl Caffeate	Levomenol	$\alpha$ -Humulene	Boldine	Crustecdysone	Empty
h	Empty	Licoricesaponin G2	Liquiritigenin-7-O- $\beta$ -D-glucopyranoside	Licraside	Anhydrosecoisolariciresinol	Methyl Eugenol	Perillyl alcohol	Clitorin	Sclearol glycol	7,3',4'-Tri-O-methyluteolin	Zerumbone	Empty

**Plate layout: HY-L055-18**

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Withanolide A	3',24',25',25',?7-?Pentamethoxy	5,7,3',4'-Tetramethoxy flavone	Rhamnetin	11-Oxomogroside IIa	8-Epidiosbulbin E acetate	4'-Hydroxychalcone	Nonanoic acid	cis-?Jasmone	Nerol	Empty
b	Empty	4-Isopropylbenzyl alcohol	Geranyl acetate	Silymarin	Inulin	Dihydroferulic acid	D-?Arabinose	Citral	Methyl dihydrojasmonate	Citropten	Tulipalin A	Empty
c	Empty	Raffinose	Benzyl cinnamate	D-Fructose	Dihydrojasmonone	Ethyl oleate	Fenchyl alcohol	7-Hydroxyflavone	Squalane	Benzyl acetate	Cinnamyl acetate	Empty
d	Empty	Citronellal	Menthyl acetate	$\alpha$ -?Terpinyl acetate	Gamma-Linolenic acid	Monobutyl phthalate	Citronellyl acetate	$\gamma$ -Tocopherol	Kaempferol 3-O- $\beta$ -D-glucuronide	(Rac)-Hydnocarpin	4-Hydroxyderricin	Empty
e	Empty	Glucosinabate	(+)-Isomenthone	Di-O-methylidemethoxycurcumin	Isolongifolene	(E)- $\beta$ -Farnesene	Butyl isobutyl phthalate	(-)-Zuonin A	2-Pentylfuran	Pentacosane	Isoformonone tin	Empty
f	Empty	2-(Hydroxymethyl)anthraquinone	12-O-Methylcarnosic acid	O-Nornuciferine	Safranal	Arjunetin	Beiwutine	Toralactone	Regaloside C	Cassiaside C	5-Desmethylinensetin	Empty
g	Empty	Persicogenin	Tubuloside B	Prunetrin	Azaleatin	Gypenoside LXXV	Regaloside B	Pristane	Cassiaside	(-)-Menthone	Astragenol	Empty
h	Empty	(-)-Terpinen-4-ol	Crenulatin	Regaloside A	Tetracosane	(E/Z)-Ginkgolic acid C17:2	Nonanal	Bancroftinone	24-Methylenecycloartanyl	Nigaichigoside F1	Bruceantinol	Empty

**Plate layout: HY-L055-19**

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	4'-O-Methylpyridoxine	2-(2-Phenylethyl)chromone	Lactupicrin	Syringaresinol	8-Epiloganic acid	5-O-Caffeoylshikimic acid	Arjunglucoside I	Capsiate	Methyl tetracosanoate	Malabaricone B	Empty
b	Empty	Malabaricone C	Neophytadienol II	$\beta$ -Phellandrene	Undecane	Cichoriin	Aposcopolamine	Syringetin	Cyclo(Ile-Ala)	Emodinanthrone	Crocin IV	Empty
c	Empty	Platyonic acid A	Tellimagrandin II	Capsaicin $\beta$ -D-glucopyranoside	Chrysanthemol	Linalool oxide	Perilla ketone	Dotriacontane	Oxyphyllacolin	Docosane	Hentriacontane	Empty
d	Empty	Tigloidin	Methyl 4-hydroxyphenylacetate	Indole	5-Hydroxyindole	2,5-Dihydroxyacetophenone	2,5-Dihydroxybenzoic acid	Monomethyl octanoate	Methyl syringate	L-Homoserine	3-Hydroxy-2-methylpyridinone	Empty
e	Empty	4-Methoxyphenethyl alcohol	4-Hydroxybenzylamine	Arachidic acid	Nonadecanoic acid	Undecanoic acid	Pentadecanoic acid	Heptadecanoic acid	Methyl undecanoate	Methyl laurate	Methyl tridecanoate	Empty
f	Empty	Methyl myristate	Methyl pentadecanoate	Methyl heptadecanoate	Methyl arachidate	1-Undecanol	1-Tetradecanol	1-Pentadecanol	1-Heptadecanol	Hexadecanal	5-Hydroxymethyl-2-	Empty
g	Empty	3-(3-Hydroxyphenyl)propionic	Isoflavone	L-Uridine	2-Hydroxymethyl-5-	m-Anisaldehyde	Skatole	N-Methylbenzylamine	4-Methyl-1-pentanol	2,4-Dihydroxybenzaldehyde	Tyramine	Empty
h	Empty	3-Furanmethanol	Methyl 3-phenylpropanoate	Phloracetophenone	Norharmane	Tricosanoic acid	Methyl behenate	Erucamide	1-Monopalmitin	Citric acid (tripotassium hydrate)	(Z)-9-Tricosene	Empty

**Plate layout: HY-L055-20**

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Cedryl acetate	Dibenzoylmethane	Sinapinic acid	2-Tridecanone	Acetosyringone	2-(tert-Butyl)-4-methoxyphen	Methionine sulfoxide	Tryptophol	Citronellol	3,5-Dimethoxytoluene	Empty
b	Empty	4'-Hydroxy-2'-methylacetophenone	Creatine	Oct-1-en-3-ol	Sulcatone	1,2,4-Trihydroxybenzene	2,3,5-Trimethylpyrazine	DL-Norvaline	cis-3-Hexen-1-ol	2-Methyltetrahydrofuran-3-	Phytosphingosine	Empty
c	Empty	Pelargonidin (chloride)	Methyl palmitoleate	Palmitoleic acid	3,4,5-Trimethoxycinnamic acid	2-Hydroxycinnamic acid	Decyl aldehyde	2,4-Dihydroxybenzoic acid	trans-Benzylideneacetone	4'-Methylacetophenone	4-Ethylbenzaldehyde	Empty
d	Empty	2-Methylacetophenone	L-Pipecolic acid	Maltol	3-Methylcatechol	4-Ethylphenol	p-Tolualdehyde	2-Methylcyclopentane-1,3-	2-Furoic acid	2-Acetylpyrrole	Tiglic acid	Empty

e	Empty	3-Methyl-2-cyclopenten-1-one	Docosanoic acid	Rutin (trihydrate)	Gondoic acid	7,8-Dihydroxyflavone	Acenaphthylene	4-Isopropylbenzoic acid	4-Methoxycinnamaldehyde	trans,trans-2,4-Decadienal	2-Ketoglutaric acid (Sodium)	Empty
f	Empty	2-Palmitoylglycerol	Ethyl linoleate	Ethyl 3-coumarincarboxylate	$\alpha$ -Hexylcinnamaldehyde	2,4-Di-tert-butylphenol	Eugenol acetate	Decanedioic acid	4,4'-Dihydroxydiphenylmethane	cis-3-Hexenyl Hexanoate	Neryl acetate	Empty
g	Empty	$\beta$ -Ionone	Decanoic acid	Desaminotyrosine	3,5-Dihydroxybenzoic acid	2-Hydroxyphenylacetic acid	2-Phenylpropionic acid	L-(+)-Arabinose	Benzylacetone	Diallyl disulfide	4-Ethylresorcinol	Empty
h	Empty	1-Phenylethane-1,2-diol	Phthalide	4-Hydroxybenzyl cyanide	2-Heptanol	Fumaric acid	$\gamma$ -Hexalactone	(2R,3R)-Butane-2,3-diol	Glycolic acid	Antiarol	Dihydroconiferyl alcohol	Empty

Plate layout: HY-L055-21

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	Ethyl 3,4-dihydroxybenzoate	Hippuric acid	2-Amino-5-ureidopentanoic acid	2-Undecanone	3-Methyl-L-histidine	2-Mercaptobenzothiazole	2-Isobutyl-3-methoxypropane	Melilotic acid	Methyl cinnamate	1-Naphthalene methanol	Empty
b	Empty	(+)-Menthol	Terpinen-4-ol	Carveol	Xanthine	(-)-Carvone	Ethyl benzoate	DL-Asparagine	Creatine (monohydrate)	2,5-Furandimethanol	Hexadecanedioic acid	Empty
c	Empty	Mono-(2-ethylhexyl) phthalate	1-Phenylpropane-1,2-dione	2-Methoxy-4-vinylphenol	Lanosterol	DL-alpha-Tocopherol	3-Demethylcolchicine	3-(3,4,5-Trimethoxyphenyl)propanol	4,4-Dimethyl-2-cyclopenten-	$\beta$ -Cyclogeraniol	Coumarin-3-carboxylic Acid	Empty
d	Empty	1-Octanol	$\omega$ -Pentadecalactone	Tropone	L-Arabinitol	24,25-Dihydrolanosterol	3',5'-Dimethoxyacetophenone	2,6-Dimethylpyrazine	DL-Homocysteine	Creosol	( $\pm$ )-Dihydroactinidiolide	Empty
e	Empty	DL-Glutamic acid	Aegeline	Tetradecyl acetate	2-Methoxycinnamaldehyde	3-Methylcarbazole	L-Azetidine-2-carboxylic acid	Kojic acid	2-Aminoimidazole	2-Methylpyrazine	(E)-3,4-(Methylenedioxy)cinnamic	Empty
f	Empty	Linoleic acid	5,7-Dihydroxycoumarin	Methyl octanoate	(R)-(-)-2-Butanol	3-Pentanol	Tridecane	2-Ethyl-6-methylphenol	Heneicosane	Eicosane	6-Methoxyflavone	Empty
g	Empty	4-Acetoxybenzoic acid	Dimethylpropylthioethanol hydrochloride	Sinapyl alcohol	N-Methyltyramine	4-Pentenyl isothiocyanate	4-Decanol	trans-3,5-Dimethoxystilbene	10-Hydroxy-2-decenoic acid	5-Hydroxymethylfurfural	4-Hydroxyacetophenone	Empty
h	Empty	Cinnamyl Alcohol	3,4,5-Trimethoxybenzoic acid	Ethyl cinnamate	Butylated hydroxytoluene	D-Pipecolinic acid	Methyl Salicylate	Farnesol	L-Proline	Oxalic acid, 99%	4-Hydroxybenzoic acid	Empty

Plate layout: HY-L055-22

	1	2	3	4	5	6	7	8	9	10	11	12
a	Empty	1-Dodecanol	L-Tartaric acid	p-Hydroxybenzaldehyde	1,3-Dihydroxyacetone	L-Cysteine	Lauric acid	Maleic acid	D-Leucine	L-Lactic acid	DL-Serine	Empty
b	Empty	D-(-)-Mandelic acid	2,4,5-Trimethoxybenzoic acid	trans-Chalcone	1,3,5-Trimethoxybenzene	2',4'-Dihydroxyacetophenone	(1R)- $\alpha$ -Pinene	3,4-Dimethoxyphenylacetic	Pyruvic acid	Cuminaldehyde	Levulinic acid	Empty
c	Empty	Methyl 2-furoate	Glycine	Acetophenone	(S)-Malic acid	Hydrocinnamic acid	Monomethyl phthalate	6-Methyluracil	3-Hydroxypyridine	Pimelic acid	1-Naphthol	Empty
d	Empty	Malic acid	Hydroxyacetone	2'-Hydroxyacetophenone	NSC 8751	DL-Menthol	Tridecanoic acid	1-Hydroxyoctadecane	3-Methoxyphenol	(R)-(-)-1,2-Propanediol	(-)-Limonene	Empty
e	Empty	Methyl 3,4-dihydroxybenzoate	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
f	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
g	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty
h	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty	Empty