



New Products

Cambridge Isotope Laboratories, Inc. is pleased to introduce the following products



Now Available!
0.1 mg sizes for key
metabolite standards.
Please inquire.

Metabolomics Standards and Kits

Catalog No.	Description	Amount
MSK-CRED-DD-KIT	Credentialed <i>E. coli</i> Cell Extract Kit (dried down)	Kit
ISO1-UNL	Metabolite Yeast Extract (unlabeled)	1 Vial

Bile Acids

Catalog No.	Description	Concentration	Amount
ULM-10566	3-Epicholic acid (unlabeled)	neat	Please inquire
CNLM-10252	Glycoursodeoxycholic acid (glycine- ¹³ C ₂ , 99%; ¹⁵ N, 98%)	neat	10 mg
DLM-10627	α-Muricholic acid (2,2,3,4,4-D ₅ , 99%)	neat	1 mg
ULM-10621	α-Muricholic acid (unlabeled)	neat	1 mg
DLM-10626	β-Muricholic acid (2,2,3,4,4-D ₅ , 99%)	neat	1 mg
ULM-10620	β-Muricholic acid (unlabeled)	neat	1 mg
DLM-10628	γ-Muricholic acid (2,2,3,4,4-D ₅ , 99%)	neat	1 mg
ULM-10622	γ-Muricholic acid (unlabeled)	neat	1 mg
DLM-10629	ω-Muricholic acid (2,2,3,4,4-D ₅ , 99%)	neat	1 mg
ULM-10623	ω-Muricholic acid (unlabeled)	neat	1 mg
CNLM-10251	Taurocholic acid, sodium salt (taurine- ¹³ C ₂ , 99%; ¹⁵ N, 98%)	neat	10 mg
CNLM-10250	Tauroursodeoxycholic acid, sodium salt (taurine- ¹³ C ₂ , 99%; ¹⁵ N, 98%)	neat	10 mg

Drugs and Metabolites

Catalog No.	Description	Concentration	Amount
CLM-10619	Acetaminophen (ring- ¹³ C ₆ , 98%)	neat	1 mg
CLM-10630-B	Clobazam (ring-[C]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CLM-10631-B	Clonazepam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
DLM-10544	Desethylamodiaquine (ethyl-D ₅ , 97%)	neat	2 mg, 5 mg
CLM-10632-B	Diazepam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CLM-10404	Estradiol undecanoate (2,3,4- ¹³ C ₃ , 98%) CP 95%	neat	1 mg
CLM-10404-C	Estradiol undecanoate (2,3,4- ¹³ C ₃ , 98%) CP 95%	100 µg/mL in methanol	1 mL
CLM-10633-B	Lorazepam (ring-[A]- ¹³ C ₆ , 98%; 4- ¹⁵ N, 98%) CP 95%	50 µg/mL in methanol	1 mL
CNLM-10539	Mecamylamine-HCl (tetramethyl- ¹³ C ₄ , 99%; ¹⁵ N, 98%)	neat	1 mg, 10 mg

Chemical purity (CP) is 98% or greater, unless otherwise indicated.

Continued ►

Metabolomics *(continued)***Drugs and Metabolites**

Catalog No.	Description	Concentration	Amount
CLM-10634-B	Midazolam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CNLM-10639-B	Naltrexone (9,15,16- ¹³ C ₃ , 98%; 17- ¹⁵ N, 98%) CP 95%	50 µg/mL in methanol	1 mL
CLM-10635-B	Nordiazepam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
DLM-10618	Obeticholic acid (2,2,4,4-D ₄ , 98%)	neat	1 mg
CLM-10636-B	Oxazepam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CLM-10637-B	Prazepam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CLM-10557	Probuco (propyl- ¹³ C ₃ , 99%) CP 95%	neat	10 mg, 50 mg
ULM-10473-C	Stanozolol (unlabeled)	100 µg/mL in methanol	1 mL
CLM-10638-B	Temazepam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CLM-10640-B	Triazolam (ring-[A]- ¹³ C ₆ , 98%) CP 95%	50 µg/mL in methanol	1 mL
CDLM-10540	Yohimbine (methyl- ¹³ C, 99%; methyl-D ₃ ester, 98%)	neat	5 mg, 10 mg
CNLM-10641-B	Zolpidem (carbonyl-1,2- ¹³ C ₂ , 98%; amide- ¹⁵ N, 98%) CP 95%	50 µg/mL in methanol	1 mL

Fatty Acids and Lipids

Catalog No.	Description	Concentration	Amount
DLM-10481	Arachidic acid (2,2-D ₂ , 98%)	neat	Please inquire
DLM-10519	Arachidic acid (12,12,13,13-D ₄ , 98%)	neat	Please inquire
DLM-10503	Docosanoic acid (12,12,13,13-D ₄ , 98%)	neat	Please inquire
DLM-10558	Eicosapentaenoic acid, ethyl ester (19,19,20,20,20-D ₅ , 98%) CP 95%	Please inquire	Please inquire
DLM-10559	<i>cis</i> -5,8,11,14,17-Eicosapentaenoic acid, methyl ester (19,19,20,20,20-D ₅ , 98%) CP 95%	neat	1 mg
CLM-10525	Elaidic acid (1,2,3,7,8- ¹³ C ₅ , 99%) CP 95%	neat	Please inquire
DLM-10435	(+/-)-2-Hydroxyhexanoic acid (methyl-D ₃ , 98%)	neat	Please inquire
CLM-10487	Linoleic acid (18:2), sodium salt (U- ¹³ C ₁₈ , 98%) CP 94%+ may have up to 5% isomers	neat	Please inquire
DLM-10502	Tetracosanoic acid (12,12,13,13-D ₄ , 98%)	neat	Please inquire

MS/MS Standards

Catalog No.	Description	Amount
NSK-NI-1	Acid sphingomyelinase Substrate and Internal Standard	1 vial
NSK-KR-1	Galactocerebrosidase Substrate and Internal Standard	1 vial
NSK-FA-1	α-Galactosidase Substrate and Internal Standard	1 vial
NSK-GA-1	Glucocerebrosidase Substrate and Internal Standard	1 vial
NSK-MP-1	α-L-Iduronidase Substrate and Internal Standard	1 vial
NSK-PO-1	Lysosomal α-Glucosidase Substrate and Internal Standard	1 vial
ULM-10431	DL-Carnitine·HCl, <i>O</i> -acetyl (unlabeled)	Please inquire
ULM-10432	DL-Carnitine·HCl, <i>O</i> -octanoyl (unlabeled)	Please inquire
ULM-10433	DL-Carnitine·HCl, <i>O</i> -palmitoyl (unlabeled) CP 97%	Please inquire
DLM-9067	L-Carnitine·HCl, <i>O</i> -decanoyl (<i>N</i> -methyl-D ₃ , 98%)	0.1 mg
DLM-8162	L-Carnitine·HCl, <i>O</i> -dodecanoyl (<i>N</i> -methyl-D ₃ , 98%)	0.1 mg
DLM-9276	L-Carnitine·HCl, <i>O</i> -hexanoyl (<i>N</i> -methyl-D ₃ , 98%)	0.1 mg
DLM-10520	LYSO-PC 20:0 (eicosanoyl-12,12,13,13-D ₄ , 98%)	1 mg, 5 mg
ULM-10521	LYSO-PC 20:0 (unlabeled)	5 mg, 10 mg
CLM-10499	LYSO-PC 22:0 (docosanoyl-1,2,3,4,5,6- ¹³ C ₆ , 99%)	1 mg, 5 mg
DLM-10500	LYSO-PC 22:0 (docosanoyl-12,12,13,13-D ₄ , 98%)	1 mg, 5 mg
ULM-10498	LYSO-PC 22:0 (unlabeled)	5 mg, 10 mg
CLM-10496	LYSO-PC 24:0 (tetracosanoyl-1,2,3,4,5,6- ¹³ C ₆ , 99%)	1 mg, 5 mg
DLM-10497	LYSO-PC 24:0 (tetracosanoyl-12,12,13,13-D ₄ , 98%)	1 mg, 5 mg
ULM-10495	LYSO-PC 24:0 (unlabeled)	5 mg, 10 mg
CLM-9792	LYSO-PC 26:0 (hexacosanoyl-1,2,3,4,5,6- ¹³ C ₆ , 99%)	1 mg, 5 mg
DLM-10501	LYSO-PC 26:0 (hexacosanoyl-12,12,13,13-D ₄ , 98%)	1 mg, 5 mg
ULM-9791	LYSO-PC 26:0 (unlabeled)	5 mg, 10 mg

Chemical purity (CP) is 98% or greater, unless otherwise indicated.

Organic Acids

Catalog No.	Description	Concentration	Amount
ULM-10577	Homovanillic acid, sodium salt (unlabeled)	neat	Please inquire
CLM-10351	DL-2-Hydroxyglutaric acid, disodium salt (¹³ C ₅ , 99%)	neat	1 mg, 10 mg
ULM-10479	DL-2-Hydroxyglutaric acid, disodium salt (unlabeled)	neat	10 mg, 100 mg
CLM-10398	2-Methylglutaric acid (4,5- ¹³ C ₂ , 98%) CP 95%	neat	1 mg
CLM-10398-D	2-Methylglutaric acid (4,5- ¹³ C ₂ , 98%) CP 95%	1 mg/mL	1 mL
CLM-9426	Methylmalonic acid (¹³ C ₄ , 99%)	neat	Please inquire
ULM-10578	Methylmalonic acid, disodium salt (unlabeled)	neat	Please inquire
CLM-10426	Sodium butyrate (¹³ C ₄ , 99%)	neat	100 mg

Other Metabolites

Catalog No.	Description	Concentration	Amount
DLM-10575	Aldox (D ₆ , 98%)	neat	Please inquire
DLM-10574	Alexidine·2HCl (D ₁₀ , 98%)	neat	Please inquire
CLM-10608	1,2-Benzisothiazol-3(2H)-one (ring- ¹³ C ₆ , 99%)	neat	Please inquire
DLM-10515	<i>tert</i> -Butyl-D ₉ acetate (D, 99%)	Please inquire	Please inquire
CLM-10554	(+/-)-Catechin gallate (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
DLM-10609	5-Chloro-2-methyl-4-isothiazolin-3-one (<i>N</i> -methyl-D ₃ , 98%)	neat	Please inquire
CNLM-10625	3-Chlorotyrosine-HCl (¹³ C ₉ , 98%; ¹⁵ N, 98%) CP 95%	neat	1 mg
CLM-10504	Cuprizone (¹³ C ₁₄ , 99%)	neat	Please inquire
CLM-10214	Cyclopentanone (¹³ C ₅ , 99%)	Please inquire	Please inquire
CLM-10563	1,4-Diaminobenzene (¹³ C ₆ , 99%)	Please inquire	Please inquire
CLM-10561	Dicyandiamide (2-cyanoguanidine) (¹³ C ₂ , 99%)	neat	Please inquire
DLM-10480	Digitoxin (21,23,23-D ₃ , 96%) CP 95%	neat	Please inquire
CLM-10466	2-Deoxy-D-glucose (U- ¹³ C ₆ , 99%)	neat	Please inquire
ULM-10550	(+/-)-Epicatechin (unlabeled) CP 97%	neat	1 mg, 5 mg
CLM-10553	(+/-)-Epicatechin gallate (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
CLM-10555	(+/-)-Epigallocatechin (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
CLM-10551	(+/-)-Epigallocatechin gallate (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
DLM-10438	Ethanolamine-HCl (1,1,2,2-D ₄ , 98%)	neat	Please inquire
CNLM-10564	Ethylamine-HCl (¹³ C ₂ , 99%; ¹⁵ N, 98%)	neat	Please inquire
ULM-10562	Ethyl 2-hydroxy-2-methyl-3-oxobutanoate (unlabeled)	Please inquire	Please inquire
CLM-10546	D-Fructose (4,5- ¹³ C ₂ , 99%)	neat	Please inquire
CLM-10556	(+/-)-Galocatechin (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
CLM-10552	(+/-)-Galocatechin gallate (2,3,4- ¹³ C ₃ , 99%) CP 97%	neat	1 mg
CLM-10468	Glycine, <i>N</i> -benzoyl (hippuric acid) (ring- ¹³ C ₆ , 99%)	neat	10 mg
DLM-10483	Glycine, <i>N</i> -isovaleryl (isovaleryl-D ₉ , 98%)	neat	Please inquire
CLM-10368	Hydrocinnamic acid (1- ¹³ C, 99%)	neat	Please inquire
DLM-10603	3-Hydroxyisovaleric acid (D ₈ , 98%) CP 97%	Please inquire	Please inquire
DLM-10484	5-Hydroxymethyl-2'-deoxycytidine (hydroxymethyl-D ₂ , 6-D, 98%)	neat	Please inquire
DLM-10538	Indoxyl sulfate, potassium salt (ring-D ₄ , 98%)	neat	Please inquire
CLM-10524	3-Iodo-L-tyrosine (¹³ C ₆ , 99%)	neat	Please inquire
DLM-10541	Iopromide (<i>N</i> -methyl-D ₃ , 98%)	neat	1 mg
CNLM-10565	Methylamine-HCl (¹³ C, 99%; ¹⁵ N, 98%)	neat	Please inquire
ULM-10510	DL-2-Methylcitric acid unlabeled	neat	Please inquire
CLM-10518	3-Methyl-1-butanol (2,3,4- ¹³ C ₃ , methyl- ¹³ C, 99%)	neat	Please inquire
CLM-10491	3- <i>O</i> -Methyl-D-glucose (¹² C ₆ , 99.99%) ¹³ C depleted	neat	Please inquire
CLM-10492	3- <i>O</i> -Methyl-D-glucose (¹³ C ₆ , 99%)	neat	Please inquire
NLM-10511	Oleylamine (¹⁵ N, 98%)	Please inquire	Please inquire
DLM-10542	Resorufin (D ₆ , 98%) CP 96%	neat	10 mg, 50 mg
CLM-10568	L-Rhamnose·H ₂ O (U- ¹³ C ₆ , 99%)	neat	Please inquire
CNLM-10253	Taurine (¹³ C ₂ , 99%; ¹⁵ N, 98%)	neat	10 mg
DLM-10436	Theobromine (3,7-dimethylxanthine) (7-methyl-D ₃ , 98%)	neat	Please inquire
DLM-10522	D-Tryptophan (indole-D ₅ , 98%)	neat	Please inquire

Chemical purity (CP) is 98% or greater, unless otherwise indicated.

Continued ►

Metabolomics *(continued)***Other Metabolites**

Catalog No.	Description	Concentration	Amount
CNLM-10617	Uric acid (2- ¹³ C, 98%; 1,3,7- ¹⁵ N ₃ , 98%) CP 95%+	neat	1 mg
CLM-10513	Uridine diphosphate- α -D-glucose, disodium salt (glucose- ¹³ C ₆ , 99%)	neat	Please inquire
CLM-10543	<i>cis</i> -Urocanic acid (1,2,3- ¹³ C ₃ , 99%)	neat	1 mg, 2mg, 5mg
CLM-10530	Xanthosine (¹³ C ₅ , 99%)	neat	Please inquire
ULM-10576	DL-Vanilmandelic acid, sodium salt (unlabeled)	neat	Please inquire

Steroids and Hormones

Catalog No.	Description	Concentration	Amount
DLM-10472-C	Aldosterone (9,11,12,12-D ₄ , 98%) CP 97%	100 μ g/mL in acetonitrile	1 mL
CLM-10548	5 α -Androstan-3,17-dione (androstanedione) (2,3,4- ¹³ C ₃ , 99%)	neat	1 mg
CLM-10537-C	Cortisone 21-sulfate, sodium salt (2,3,4- ¹³ C ₃ , 98%) CP 95%	100 μ g/mL in methanol	1 mL
DLM-10471	Cortisol-21-sulfate, sodium salt (9,11,12,12-D ₄ , 98%) CP 95%	neat	1 mg
CLM-10536-C	Cortisone (2,3,4- ¹³ C ₃ , 98%) CP 97%	100 μ g/mL in methanol	1 mL
CLM-10549	Dehydroepiandrosterone (DHEA) (2,3,4- ¹³ C ₃ , 99%)	neat	1 mg
CLM-10549-C	Dehydroepiandrosterone (DHEA) (2,3,4- ¹³ C ₃ , 99%)	100 μ g/mL in methanol	1 mL
CLM-10601-C	Reverse 3,3',5-triiodo-L-thyronine-HCl (rev T3) (diiodophenyl-ring- ¹³ C ₆ , 99%)	100 μ g/mL in 0.1 N NH ₃ /CH ₃ OH	1 mL
CLM-10601	Reverse 3,3',5-triiodo-L-thyronine-HCl (rev T3) (diiodophenyl-ring- ¹³ C ₆ , 99%) CP 95%	neat	1 mg
ULM-10602-C	Reverse 3,3',5-triiodo-L-thyronine-HCl (rev T3) (unlabeled)	100 μ g/mL in 0.1 N NH ₃ /CH ₃ OH	1 mL
CLM-10596	3,3',5-Triiodo-L-thyronine (ring- ¹³ C ₁₂ , 99%) CP 97%	neat	Please inquire
ULM-10573	3,3',5-Triiodo-L-thyronine-HCl (T3) (unlabeled) CP 95%	neat	1 mg, 5mg, 10 mg
ULM-10573-C	3,3',5-Triiodo-L-thyronine-HCl (T3) (unlabeled)	100 μ g/mL in 0.1 N NH ₃ /CH ₃ OH	1 mL

Vitamins and Metabolites

Catalog No.	Description	Concentration	Amount
CLM-10025	25-Hydroxyvitamin D ₃ (23,24,25,26,27- ¹³ C ₅ , 99%) CP 95%	neat	1 mg
CLM-10025-C	25-Hydroxyvitamin D ₃ (23,24,25,26,27- ¹³ C ₅ , 99%) CP 95%	100 μ g/mL in ethanol	1 mL
DLM-10478-C	Vitamin D ₂ sulfate, sodium salt (6,19,19-D ₃ , 98%) CP 97%	100 μ g/mL in ethanol	1 mL
ULM-10477-C	Vitamin D ₂ sulfate, sodium salt (unlabeled) CP 97%	100 μ g/mL in ethanol	1 mL
CLM-10470-C	Vitamin D ₃ (cholecalciferol) (23,24,25,26,26- ¹³ C ₅ , 98%) CP 97%	100 μ g/mL in ethanol	1 mL
CLM-10470-D	Vitamin D ₃ (cholecalciferol) (23,24,25,26,26- ¹³ C ₅ , 98%) CP 97%	1000 μ g/mL in ethanol	1 mL
CLM-10469-C	Vitamin D ₃ (cholecalciferol) (25,26,26- ¹³ C ₃ , 98%) CP 97%	100 μ g/mL in ethanol	1 mL
DLM-10476-C	Vitamin D ₃ sulfate, sodium salt (26,26,26,27,27-D ₆ , 98%) CP 97%	100 μ g/mL in ethanol	1 mL
DLM-10475-C	Vitamin D ₃ sulfate, sodium salt (6,19,19-D ₃ , 98%) CP 97%	100 μ g/mL in ethanol	1 mL
ULM-10474-C	Vitamin D ₃ sulfate, sodium salt (unlabeled) CP 97%	100 μ g/mL in ethanol	1 mL

Chemical purity (CP) is 98% or greater, unless otherwise indicated.

Proteomics

Amino Acids

Catalog No.	Description	Concentration	Amount
CNLM-10424	β -N-methylamino-L-alanine ($^{13}\text{C}_3$, 99%; $^{15}\text{N}_2$, 98%)	neat	0.01 g
CNLM-10424	β -N-methylamino-L-alanine ($^{13}\text{C}_3$, 99%; $^{15}\text{N}_2$, 98%)	100 $\mu\text{g}/\text{mL}$ in 0.1 M HCl	1.2 mL
ULM-10493	β -N-methylamino-L-alanine-HCl (unlabeled) CP 97%	100 $\mu\text{g}/\text{mL}$ IN 0.1 M HCl	1.2 mL
ULM-10493	β -N-methylamino-L-alanine-HCl (unlabeled) CP 97%	neat	Please inquire

Feed for SILAM

Catalog No.	Description	Amount
MF-LYS-NEU4	Mouse Express [®] L-Lysine 4 plex Neucode [™] mouse feed	1 week, 3 weeks

NeuCode[™] is a trademark of WARF.

Mouse Express is a registered trademark of Cambridge Isotope Laboratories, Inc.

Isotope-Labeled Proteins

Catalog No.	Description	Amount
NEX-CAL-CN	Calbindin-D9K (^{13}C , 95%; ^{15}N , 95%)*	0.25, 0.5, or 1 mM in 50 mM ammonium acetate (pH 6.0), 10% D ₂ O, 0.02% NaN ₃
NEX-GB1-CN	GB1 (^{13}C , 95%; ^{15}N , 95%)*	0.25, 0.5, or 1 mM in 50 mM sodium phosphate (pH 5.5), 10% D ₂ O, 0.02% NaN ₃
NEX-SH3-CN	SH3 Domain (^{13}C , 95%; ^{15}N , 95%)*	0.25, 0.5, or 1 mM in 10 mM sodium citrate (pH 3.5), 10% D ₂ O, 0.02% NaN ₃

*Alternate labels are available; please inquire.

PeptiQuant[™] Plus Assay Kits

Catalog No.	Description	Amount
LCMSP-QC-6490-INJ	PeptiQuant Plus Human Plasma Daily QC Kit for Agilent 6490	10, 20, or 50 injections
LCMSP-QC-6495-INJ	PeptiQuant Plus Human Plasma Daily QC Kit for Agilent 6495	10, 20, or 50 injections
LCMSP-QC-6500-INJ	PeptiQuant Plus Human Plasma Daily QC Kit for Sciex QTRAP [®] 6500	10, 20, or 50 injections
LCMSP-QC-QE-INJ	PeptiQuant Plus Human Plasma Daily QC Kit for Thermo Scientific [™] Q Exactive [™] Plus	10, 20, or 50 injections
WFPK-A6490-P	PeptiQuant Plus Human Plasma Workflow QC Kit for Agilent 6490	1 or 2 runs
WFPK-A6495-P	PeptiQuant Plus Human Plasma Workflow QC Kit for Agilent 6495	1 or 2 runs
WFPK-SC6500-P	PeptiQuant Plus Human Plasma Workflow QC Kit for Sciex QTRAP [®] 6500	1 or 2 runs
WFPK-QE-P	PeptiQuant Plus Human Plasma Workflow QC Kit for Thermo Scientific Q Exactive Plus	1 or 2 runs
M-BAK-6545-125-2	PeptiQuant Plus Mouse Plasma Proteomics Kit for Agilent 6545	20, 50, or 100 samples

Chemical purity (CP) is 98% or greater, unless otherwise indicated.

Please visit isotope.com for a complete list of isotope-labeled compounds.

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