Pribolab

Solutions in Mycotoxin Testing

PriboFast® Mycotoxin Immunoaffinity Columns(IAC)
PriboFast® Multifunctional Cleanup Columns
PriboFast® Mycotoxin Molecularly Imprinted Polymer Columns
PriboFast® Mycotoxin ELISA Kit & Mycotoxin Rapid Test Strips
PriboFast® Mycotoxin Liquid and Solid Standard, ^{13}C Standard
PriboFast® Mycotoxin Quality Control Materials
PriboFast® Food Allergen ELISA Kit & Rapid Test Strip
PriboLab® Sample Preparation instrument
& Derivatization Instruments
PriboVita® Vitamins ZAC and ELISA Kit

Медстандарт

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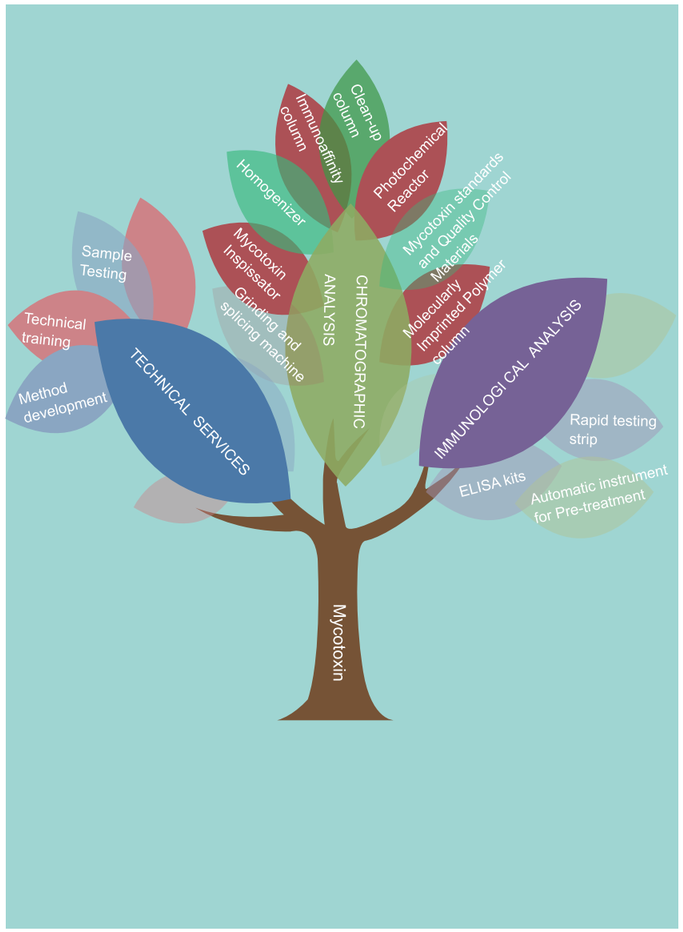


Медстандарт

Solutions in Mycotoxin Testing

About Pribolab

Pribolab is one of the major suppliers to provide global service of solutions in mycotoxin testing, with independent products research, development and application laboratory. The company adheres to technological innovation for high-qualified and professional products and service, focusing on mycotoxin testing in research, production, technology and service. The products and service are widely used in the field of food safety, pharmaceutical, agricultural medicine residues, risk monitoring and so on, while more than 30 mycotoxin testing, analyse and corresponding products are offered, including aflatoxin, trichothecene (deoxynivalenol and T-2), zearalenone, fumonisin, ochratoxin, patulin, citrinin, cyclophenylic acid and so on.



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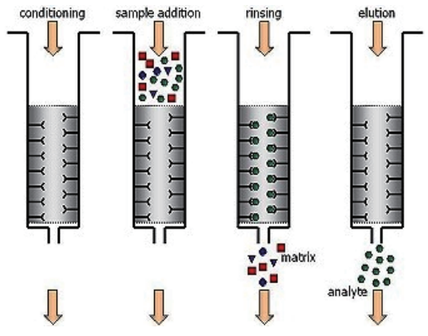
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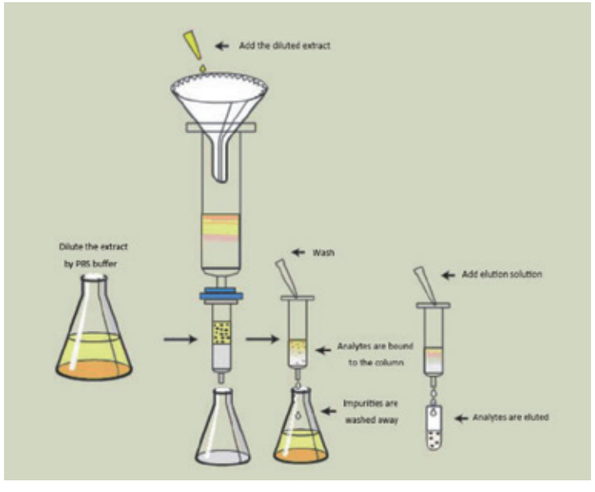
PriboFast®
Mycotoxin Immunoaffinity Columns (IACs)

PriboFast®Immunoaffinity columns (IACs) are widely used in clean-up and isolation of mycotoxins extracted from foods and biological fluids, particularly aflatoxins, ochratoxin A and fumonisins. The columns are prepared by binding antibodies specific for a given mycotoxin to a specially activated solid-phase support and packing the support suspended in aqueous buffer solution into a cartridge. The mycotoxin in the extract or fluid binds to the antibody, impurities are removed with aqueous solution, and then the mycotoxin is desorbed with a miscible solvent such as methanol.



Features

- Monoclonal Antibodies with high specificity
- High capacity column/large antibodies/ efficient purification/high recovery rate
- Accord with AOAC standards and EC regulation
- Excellent purification of complex matrices including food, feed, spices, etc
- Suitable for ELISA, HPLC and Fluorometry spectrometry
- Apply to aflatoxin, vomitoxin, fumonisins, ochratoxin and zearalenone detection



Product List

Cat.No.	Product Name/Specification	TESTS
IAC-010-3	PriboFast®AflatoxinB_1 IAC-3mL	25/50T
IAC-010-1	PriboFast®AflatoxinB_1 IAC-1mL	25/50T
IAC-011-3	PriboFast®Aflatoxin Total IAC-3mL	25/50T
IAC-011-1	PriboFast®Aflatoxin Total IAC-1mL	25/50T
IAC-012-3	PriboFast®Aflatoxin M_1 IAC-3mL	25/50T
IAC-012-1	PriboFast®Aflatoxin M_1 IAC-1mL	25/50T
IAC-013-3	PriboFast®Aflatoxin $B_1B_2G_1G_2M_1$ IAC-3mL	25/50T
IAC-014-3	PriboFast®Aflatoxin $B_1B_2G_1G_2M_1M_2$ IAC-3m	25/50T
IAC-020-3	PriboFast®Zearalenone IAC-3mL	25/50T
IAC-020-1	PriboFast®Zearalenone IAC-1mL	25/50T
IAC-030-3	PriboFast®Deoxynivalenol IAC-3mL	25/50T
IAC-030-1	PriboFast®Deoxynivalenol IAC-1mL	25/50T
IAC-040-3	PriboFast®Ochratoxin IAC-3mL	25/50T
IAC-040-1	PriboFast®Ochratoxin IAC-1mL	25/50T
IAC-050-3	PriboFast®Fumonisin IAC-3mL	25/50T
IAC-050-1	PriboFast®Fumonisin IAC-1mL	25/50T
IAC-060-3	PriboFast®T-2 toxin IAC-3mL	25/50T
IAC-060-1	PriboFast®T-2 toxin IAC-1mL	25/50T
IAC-090-3	PriboFast®Sterigmatocystin IAC -3mL	25/50T
IAC-140-3	PriboFast®Aflatoxin,Ochratoxin compound IAC -3mL	25/50T
IAC-102-3	PriboFast®Aflatoxin,Zearalenone compound IAC-3mL	25/50T
IAC-124-3	PriboFast®Aflatoxin,Zearalenone,Ochratoxin compound IAC-3mL	25/50T
IAC-230-3	PriboFast®Vomintoxin,Zearalenone compound IAC-3mL	25/50T
IAC-400-3	PriboFast®AOZDFT compound IAC-3mL	25/50T
IAC-400-6	PriboFast®AOZDFT compound IAC-6mL	25/50T
IAC-201-3	PriboFast®Zeranol compound IAC-3m	25/50T
IAC-205-3	PriboFast®Estradiol compound IAC-3mL	25/50T



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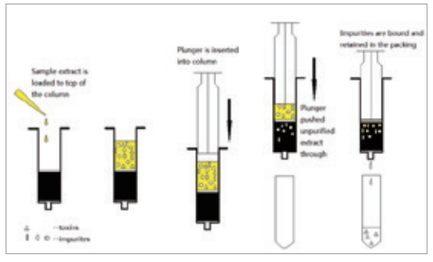
PriboFast®

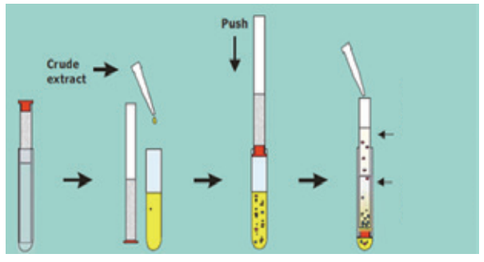
PriboFast® Multifunctional Cleanup Columns

PriboFast®Multifunctional Cleanup Columns contain packing materials made of adsorbent mixes specially designed for fast cleanup within 30 seconds. Multifunctional Cleanup columns without activation, loading and elution steps are able to separate impurities and fungal toxins by one-step while ensuring the analysis is accurate and reliable, economical and efficiency. PriboFast® Multifunctional Cleanup Column has column pressing type (with glass tube) and injecting/pushing types as follows:

Features

- One-step rapid purification, short time (30s)
- Purify a variety of toxins simultaneously
- Apply to aflatoxin, zearalenone, trichothecene toxin
- Long Shelf-life—over 30 months
- High recovery ratio—more than 90%
- Apply to the detection of aflatoxin, zearalenone, Deoxynivalenol, nivalenol, T-2 toxin, 3-Acetyl deoxynivalenol, 15- Acetyl deoxynivalenol and other mycotoxins
- Suitable for the purification of food, cereal, feed, beverage, herb, etc





Product List

Cat.No.	Description	Size	Tests
	Pressing type		
M2200	MFC220Nivalenol,Deoxynivalenol	3ml	25T
M2001	MFC221Fumonisin B1 & B2& B3	3ml	25T
M2002	MFC222Moniliformin	3ml	25T
M2003	MFC223Cyclopiazonic acid CPA	3ml	25T
M2004	MFC224Aflatoxin,Zearalenone	3ml	25T
M2005	MFC225Trichothecene A&B	3ml	25T
M2006	MFC226Aflatoxin,Zearalenone	5ml	25T
M2007	MFC227Trichothecene A&B	5ml	25T
M2008	MFC228Aflatoxin, Patulin	5ml	25T
M2009	MFC229Ochratoxin A &B&C	3ml	25T
M3001	MFC331 Sterigmatocystin	3ml	25T
M3002	MFC332 Trichomycin	3ml	25T
M1000	MFC100 AFTatoxins, Ochratoxins , Zearalenon , Deoxynivalenol , Fumonisins、 T2-Toxin	3ml	25T
	Injecting type		
M2000	MFC200 Nivalenol,Deoxynivalenol	5ml	25T
M2100	MFC211 Fumonisin B_1 & B_2& B_3	5ml	25T
M2400	MFC240 Moniliformin	5ml	25T
M2600	MFC260 Aflatoxin, Zearalenone	5ml	25T
M2610	MFC261 Aflatoxin M1M2	5ml	25T
M2700	MFC270 Trichothecenes	5ml	25T
M2800	MFC280 Aflatoxin,Patulin	5ml	25T
M2900	MFC290 Ochratoxin A &B&C	5ml	25T
M3000	MFC300 Cyclopiazonic acid	5ml	25T
M3100	MFC310 Sterigmatocystin	5ml	25T
M3200	MFC320 Trichomycin	5ml	25T
M1600	MFC160 Aflatoxin、Zearalenone	5ml	25T

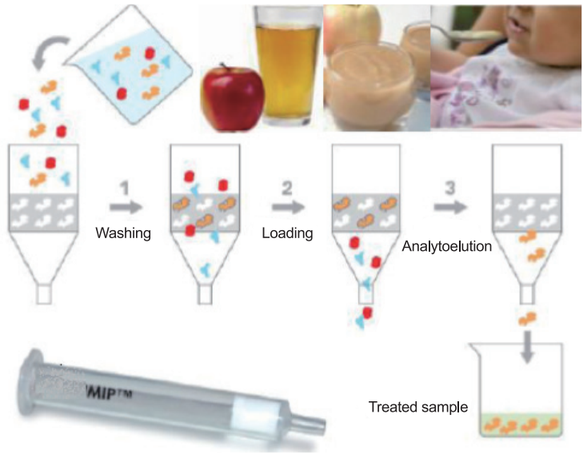


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PriboFast®

Mycotoxin Molecularly Imprinted Polymer Columns

Pribolab has applied the advanced molecular imprinting technology to the dection field of mycotoxin high performance liquid chromatography (HPLC). The molecular imprinted polymer is used as solid-phase extraction adsorbents to extract mycotoxins from samples.



Features

- Instant use and optimize the extraction procedure
- High specificity, apply to trace analysis
- Convenient and quick operation
- Suitable for aflation, zearalenone, deoxynivalenol, ochratoxin, fumonisin, T-2, patulin
- Comply with the articles of association of the European commission (EC) 1881/2006

Product List

Cat.No.	Product Name/Specification	Tests
MIP-010-3	PriboMIP™ Aflatoxin	25T
MIP-020-3	PriboMIP™ Zearalenone	25T
MIP-030-3	PriboMIP™ Deoxynivalenol	25T
MIP-040-3	PriboMIP™ Ochratoxin	25T
MIP-050-3	PriboMIP™ Fumonisin	25T
MIP-060-3	PriboMIP™ T-2 Toxin	25T
MIP-070-3	PriboMIP™ Citrinin	25T
MIP-080-3	PriboMIP™ Patulin	25T
MIP-520-3	PriboMIP™ Fumonisin,Zearalenone	25T
MIP-400-3	PriboMIP™ AOZDFT Compound	10T



4 PriboFast®
ELISA Kit

PriboFast® ELISA Kit is accurate and reliable enzyme-linked immunosorbent assays (ELISA) in a quantitative format. Together with a ELISA reader, the results can be directly interpreted and continuously documented.

These ELISA test kits can be applied to parallel measurements of multiple samples with an incubation times of 15 minutes.



Features

- The global unique provider for providing pre-treatment purification cartridge, greatly reducing the disruptors
- Take the competitive ELISA, shorten detection time
- Accuracy is close to the HPLC method, wide range of accurate quantification
- Good reproducibility, minor error between indoor and outdoor
- High sensitivity and high recovery
- High stability, up to 12 months
- Simple operation, a simple training can operate independently

Product List

Cat.No.	Product Name/Specification	LOD	Detecting range	Tests
EKT-010	PriboFast® Aflatoxin B_1	0.1ppb	0-81ppb	48/96T
EKT-011	PriboFast® Aflatoxin total	0.05ppb	0-32ppb	48/96T
EKT-012	PriboFast® Aflatoxin M_1	0.03ppb	0-24ppb	48/96T
EKT-020	PriboFast® Zearalenone	5ppb	0-500ppb	48/96T
EKT-030	PriboFast® Deoxynivalenol	80ppb	0-5000ppb	48/96T
EKT-040	PriboFast® Ochratoxin A	0.5ppb	0-40ppb	48/96T
EKT-050	PriboFast® Fumonisin	15ppb	0-5000ppb	48/96T
EKT-060	PriboFast® T-2 Toxin	13ppb	0-1750ppb	48/96T
SP-1000	Pribospin® ELISA SPIN(2mL)			48/96T
RT-6000	Microplate reader	Contain :405nm, 450nm,492nm,630nm		
EQ7013	Single Channel Micropipette	0.1-1mL,20-200uL,1-10uL		
EQ7014	8 Channel Micropipette	20-300uL		

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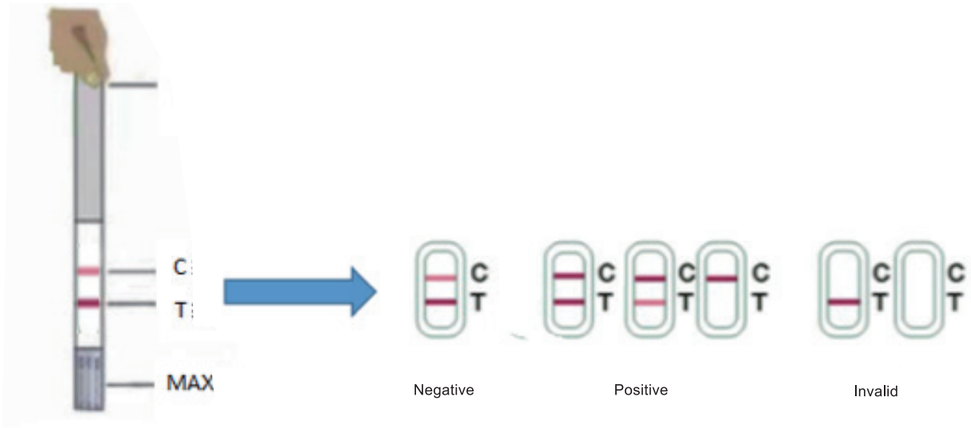
PriboFast®

Mycotoxin Rapid Test Strips



PriboFast® Mycotoxin Rapid Test Strips

Mycotoxin rapid test strips take the immunocolloidal gold chromatography techniques for the rapid detection of mycotoxin residues in milk, food and feed. The detection time is only 5-20 minutes, the operation is simple, fast, accurate, high sensitivity and easy to read.



Testing strip structure

How to determine

- Negative(-): T line is lighter than C line.
- Positive(+): T line is darker than C line/T line is the color of C line/T line has no color, the lighter of T line, the higher content of mycotoxin.
- Void: C line has no color, please retest with new strip and follow the instruction.

Product List

Cat.No.	Mytoxin test strips	Detecting range/ Sample	Tests
PRS-011	PriboStrip™ Aflatoxin total	5,10,15,20,25,,30,40,50ppb	25/50T
PRS-010	PriboStrip™ Aflatoxin B_1	5,10,15,20,25,30,40,50ppb	25/50T
PRS-012	PriboStrip™ Aflatoxin M_1	0.1,0.2,0.3ppb raw milk	25/50T
PRS-020	PriboStrip™ Zearalenone	20,30,50,70,100,150,200ppb	25/50T
PRS-030	PriboStrip™ Deoxynivalenol	100,200,300,500,700,1000,1500,2000ppb cereal	25/50T
PRS-040	PriboStrip™ Ochratoxin	1ppb	25/50T
PRS-050	PriboStrip™ Fumonisin	500,1000,1500,2000,5000ppb	25/50T

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PriboFast®

Mycotoxin Liquid and Solid Calibrants

PriboLab company provides more than 40 kinds of mycotoxin liquid/solid standards which apply to spectrometry, TLC / HPLC tests and delievery different package according to customer's demand. The company will carry out spot check on each batches before delievery to ensure the quility and purity of our standards (each batch with COA certificate).
Larger packaging or OEM , welcome to contact Pribolab

Solid Calibrants

Product List

Cat.No.	Product Name/Specification	Quantity		
MSS1001	3-Acetyl-Deoxynivalenol	1mg	5mg	10mg
MSS1002	15-Acetyl-Deoxynivalenol	1mg	5mg	10mg
MSS1003	Aflatoxin B_1	1mg	5mg	10mg
MSS1004	Aflatoxin B_2	1mg	5mg	10mg
MSS1005	Aflatoxin G_1	1mg	5mg	10mg
MSS1006	Aflatoxin G_2	1mg	5mg	10mg
MSS1007	Aflatoxin M_1	0.1mg	1mg	5mg
MSS1008	Aflatoxin M_2	0.1mg	1mg	5mg
MSS1009	Citrinin	1mg	5mg	10mg
MSS1010	Cyclopiazonic acid	1mg	5mg	10mg
MSS1011	Deoxynivalenol/Vomintoxin	1mg	5mg	10mg
MSS1012	Diacetoxyscirpenol	1mg	5mg	10mg
MSS1013	Fumonisin B_1	1mg	5mg	10mg
MSS1014	Fumonisin B_2	1mg	5mg	10mg
MSS1015	Fusarenon X	1mg	5mg	10mg
MSS1016	HT-2 Toxin	1mg	5mg	10mg
MSS1017	Moniliformin（MON）	1mg	5mg	10mg
MSS1018	Neosolaniol（NEO）	1mg	5mg	10mg
MSS1019	Nivalenol（NIV）	1mg	5mg	10mg
MSS1020	Ochratoxin A（OTA）	1mg	5mg	10mg
MSS1021	Patulin	1mg	5mg	10mg
MSS1022	Sterigmatocystin（ST）	1mg	5mg	10mg
MSS1023	T-2 Toxin	1mg	5mg	10mg
MSS1024	Zearalenone（ZON）	1mg	5mg	10mg
MSS1025	Gliotoxin	1mg	5mg	10mg
MSS1026	T-2 Toxin Triol	1mg	5mg	10mg
MSS1027	T-2ToxinTetral	1mg	5mg	10mg
MSS1028	15-Acetoxyscirpenol	1mg	5mg	10mg
MSS1029	15-O-Acetyl-4-deoxynivalenol	1mg	5mg	10mg
MSS1030	Alternariol（AOH）	1mg	5mg	10mg
MSS1031	Alternariolmonomethyl Ether（AME）	1mg	5mg	10mg
MSS1032	Tenuazonic acid	1mg	5mg	10mg
MSS1033	Beauvericin	1mg	5mg	10mg
MSS1034	Fumagillin	1mg	5mg	10mg
MSS1035	Penicillic acid	1mg	5mg	10mg
MSS1036	Penitrem A	1mg	5mg	10mg
MSS1037	Verruculogen	1mg	5mg	10mg
MSS1038	Tentoxin	0.5mg	5mg	10mg
MSS1039	Wortmannin（WT）	1mg	5mg	10mg
MSS1040	Mycophenolic acid（MPA）	100mg	250mg	500mg
MSS1041	Citreoviridin	1mg	5mg	10mg
MSS1042	Aflatoxicol	1mg	5mg	10mg
MSS1043	Altenuene （ALT）	1mg	5mg	10mg
MSS1044	Ochratoxin B（OTB）	1mg	5mg	10mg
MSS1045	Ochratoxin C（OTC）	0.5mg	1mg	5mg
MSS1046	Fumonisin B3（FB3）	1mg	5mg	10mg
MSS1047	Enniatin B	1mg	5mg	10mg
MSS1048	Ergocristine	1mg	5mg	10mg
MSS1049	Ergotamine	1mg	5mg	10mg
MSS1050	Ergometrine	1mg	5mg	10mg
MSS1051	Ergotaminine	1mg	5mg	10mg
MSS1052	Altenusin	1mg	5mg	10mg
MSS1053	Enniatin Complex	1mg	5mg	10mg
MSS1054	Enniatin A	1mg	5mg	10mg
MSS1055	Enniatin A_1	1mg	5mg	10mg
MSS1056	Enniatin B_1	1mg	5mg	10mg

Product List

Cat.No.	Product Name/Specification	Quantity
MSS1057	Aflatoxin P_1	0.5mg 1mg
MSS1058	Aflatoxin P_2	0.25mg 1mg
MSS1059	Aflatoxin Q_1	0.25mg 1mg
MSS1060	Aflatoxin Q_2	0.25mg 1mg
MSS1061	Fusaric acid, FA	100mg
MSS1062	Aflatoxin R0 CAS:29611-03-8	0.25mg 1mg
MSS1063	3-Epi-Ochratoxin A	0.5mg 1mg
MSS1064	3-Epi-Ochratoxin B	0.5mg 1mg
MSS1065	3-Epi-Ochratoxin C	0.5mg 1mg
MSS1066	Fumitremorgin C	1mg 5mg
MSS1067	Alternaria alternata toxin AAL	1mg 5mg
	Deoxynivalenol 15-Glucuronide/Deoxynivalenol 3-Glucuronide	1mg 5mg
MSS2010	α-Zearalenol	1mg 5mg
MSS2011	β-Zearalenol	1mg 5mg
MSS2012	Zearalanone	1mg 5mg
MSS2013	α-Zearalanol，α-Zeranol	1mg 5mg
MSS2014	β-Zearalanol，β-Zeranol	1mg 5mg

Liquid Calibrants

Product List

Cat.No.	Product Name/SpecificationAflatoxins B_1, G_1 , B_2 , G_2 in ACN	Quantity
STD#1041	25μg/ml Aflatoxin B_1 in ACN	1mL/5mL/10mL
STD#1042	100μg/mL Aflatoxin B_1 in ACN	1mL/5mL/10mL
STD#1051	25μg/mL Aflatoxin B_1 in ACN	1mL/5mL/10mL
STD#1052	100μg/mL Aflatoxin B_2 in ACN	1mL/5mL/10mL
STD#1061	25μg/mL Aflatoxin B_2 in ACN	1mL/5mL/10mL
STD#1062	100μg/mL Aflatoxin G_1 in ACN	1mL/5mL/10mL
STD#1071	25μg/mL Aflatoxin G_1 in ACN	1mL/5mL/10mL
STD#1072	100μg/mL Aflatoxin G_2 in ACN	1mL/5mL/10mL
STD#1081	2μg/mL Aflatoxins B_1, G_1 , B_2 , G_2 in ACN	1mL/5mL/10mL
STD#1082	1μg/mL Aflatoxins B_1, G_1 , B_2 , G_2 in ACN	1mL/5mL/10mL
STD#1083	2μg/mL Aflatoxins B_1, G_1 , 0.5μg/mL Aflatoxins B_2 , G_2 , M_1 , M_2 in ACN	2mL/5mL/10mL

Cat.No.	Product Name/Specification	Quantity
STD#1091	0.5μg/mL Aflatoxin M_1 in ACN	1mL/5mL
STD#1092	10μg/mL Aflatoxin M_1 in ACN	1mL/5mL
STD#1101	0.5μg/mL Aflatoxin M_2 in ACN	1mL/5mL
STD#1102	10μg/mL Aflatoxin M_2 in ACN	1mL/5mL
STD#1103	10μg/mL Aflatoxin M_1 M_2 in ACN	1mL/5mL
STD#2011	50μg/mL (FB_1&FB_2) in ACN/Water(50/50)	2mL/5mL
STD#2012	50μg/mL (FB_1&FB_2&FB_3) in ACN/Water(50/50)	1mL/5mL
STD#2013	200μg/mL (FB_1&FB_2&FB_3) in ACN/Water(50/50)	1mL/5mL
STD#2031	50μg/mL Fumonisin B_1 in ACN/Water(50/50)	1mL/5mL
STD#2041	50μg/mL B_2(Fumonisin B_2) in ACN/Water(50/50)	2mL/5mL
STD#2051	50μg/mL B_3(Fumonisin B_3) in ACN/Water(50/50)	2mL/5mL
STD#3071	100μg/mL Type A & B Trichothecenes (Fusarenon-X, Neosolaniol, Deoxynivalenol, 3-ACDON,15-ACDON,Nivalenol, HT-2	2mL/5mL
	Toxin, Diacetoxyscirpenol, T-2 Toxin in ACN)	1mL/5mL
STD#3081	10μg/mL Type A Trichothecenes (Neosolaniol, Diacetoxyscirpenol, HT-2 Toxin, T-2 Toxin in ACN)	1mL/5mL
STD#3091	10μg/mL Type B Trichothecenes (FusarenonX, Deoxynivalenol, 3-Acetyl DON, 15-Acetyl DON, Nivalenol in ACN)	1mL/5mL
STD#3088	10μg/mL Aflatoxins B_1, G_1 , B_2 , G_2 , Zearalenone&T-2 toxin in MeOH	1mL/5mL
STD#3101	50μg/mL Deoxynivalenol in MeOH	1mL/5mL
STD#3102	100μg/mL Deoxynivalenol in MeOH	1mL/5mL
STD#3103	100μg/mL 3-Acetyl DON in ACN	1mL/5mL
STD#3104	100μg/mL15-Acetyl DON in ACN	1mL/5mL
STD#3111	100μg/mL T-2 toxin in ACN	1mL/5mL
STD#3121	100μg/mL HT-2 toxin in ACN	1mL/5mL
STD#3131	100μg/mL Nivalenol in ACN	1mL/5mL
STD#3141	100μg/mL Fusarenon-X in ACN	1mL/5mL
STD#3151	50μg/mL Deepoxy-deoxynivalenol in ACN	1mL/5mL
STD#3105	50μg/mL Deoxynivalenol-3-glucoside in ACN	1mL/5mL
STD#3161	100μg/mL 3-G-DON in ACN	1mL/5mL
STD#3171	100μg/mL Diacetoxyscirpenol in ACN	1mL/5mL
STD#3181	100μg/mL Neosolaniol in ACN	1mL/5mL
STD#3110	100μg/mL Moniliformin in ACN	1mL/5mL
STD#4011	25μg/mL T-2 toxin Tetraol in ACN	1mL/5mL
STD#4012	100μg/mL Zearalenone in ACN	1mL/5mL
STD#5011	10μg/mL Zearalenone in ACN	1mL/5mL
STD#5012	100μg/mLOchratoxin A in MeOH	1mL/5mL

Product List

Cat.No.	Product Name/Specification	Quantity
STD#5021	10μg/mL B（Ochratoxin B）in ACN	1mL/5mL
STD#5031	10μg/mL C（Ochratoxin C）in ACN	1mL/5mL
STD#5041	10μg/mL Ochratoxin-alph in ACN	2mL/5mL
STD#6011	25μg/mL Patulin in ACN	1mL/5mL
STD#6012	100μg/mL Patulin in ACN	1mL/5mL
STD#8021	10μg/mL Cyclopiazonic Acid in ACN	1mL/5mL
STD#8022	100μg/mL Cyclopiazonic Acid in ACN	1mL/5mL
STD#8023	50μg/mL Sterigmatocystin in ACN	1mL/5mL
STD#8024	100μg/mL Sterigmatocystin in ACN	1mL/5mL
STD#9041	5μg/mL Citrinin in MeOH	1mL/5mL
STD#9042	100μg/mL Citrinin in MeOH	1mL/5mL
STD#7010	100μg/mL Ergot Alkaloids in MeOH	1mL/5mL
STD#7011	100μg/mL Ergocornine in MeOH	1mL/5mL
STD#7012	100μg/mL Ergocristine in MeOH	1mL/5mL
STD#7013	100μg/mL Ergocryptine in MeOH	1mL/5mL
STD#7014	100μg/mL Ergometrine in MeOH	1mL/5mL
STD#7015	100μg/mL Ergosine in MeOH	1mL/5mL
STD#7016	100μg/mL Ergotamine in MeOH	1mL/5mL
STD#7017	100μg/mL Agroclavine in MeOH	1mL/5mL
STD#7018	25μg/mL Ergocorninine in MeOH	1mL/5mL
STD#7019	25μg/mL Ergocristinine in MeOH	1mL/5mL
STD#7020	25μg/mL Ergocryptinine in MeOH	1mL/5mL
STD#7021	25μg/mL Ergotaminine in MeOH	1mL/5mL
STD#7022	25μg/mL Dihydroergocristine in MeOH	1mL/5mL
STD#7023	25μg/mL Ergosinine in MeOH	1mL/5mL
STD#7024	25μg/mL Ergometrinine in MeOH	1mL/5mL
STD#7050	100μg/mL Alternariolmethylether	1mL/5mL
STD#7051	100μg/mLAlternariol	1mL/5mL
STD#7052	100μg/mL Tentoxin	1mL/5mL
STD#7053	100μg/mL Tenuazonic Acid	1mL/5mL
STD#7054	100μg/mL Altenuene	1mL/5mL
STD#7055	100μg/mL Altenusin	2mL/5mL
STD#7056	100μg/mL Alternariol+Alternariolmethylether ,Tentoxin,Tenuazonic Acid in MeOH	2mL/5mL

Stable Isotope Labeled Calibrants

Product List

Cat.No.	Product Name/Specification	Quantity
STD#3101U	U-[^{13C}15]-(DON) - 25 μg/mL in ANC/Water	1.2mL
STD#3103U	U-[^{13C}17]-(3-AcDON) - 25 μg/mL in ANC	1.2mL
STD#3105U	U-[^{13C}15]-(3-G-DON) - 10μg/mL in ANC/Water	1.2mL
STD#3104U	U-[^{13C}15]- Nivalenol - 25 μg/mL in ANC	1.2mL
STD#1041U	U-[^{13C}17]-AflatoxinB$_1$- 0.5 μg/mL in ANC	1.2mL
STD#1051U	U-[^{13C}17]-AflatoxinB$_2$ - 0.5 μg/mL in ANC	1.2mL
STD#1061U	U-[^{13C}17]-AflatoxinG$_1$ - 0.5 μg/mL in ANC	1.2mL
STD#1071U	U-[^{13C}17]-AflatoxinG$_2$ - 0.5 μg/mL in ANC	1.2mL
STD#1091U	U-[^{13C}17]-AflatoxinM$_1$ - 0.5 μg/mL in ANC	1.2mL
STD#2030U	U-[^{13C}34]-F B$_1$ - 25 μg/mL in ANC/Water	1.2mL
STD#2040U	U-[^{13C}34]-F B$_2$ - 10 μg/mL in ANC/Water	1.2mL
STD#2050U	U-[^{13C}34]-F B$_3$ - 10 μg/mL in ANC/Water	1.2mL
STD#4010U	U-[^{13C}18]-(ZON) - 25 μg/mL in ANC	1.2mL
STD#5010U	U-[^{13C}20]-A(OTA) - 10 μg/mL in ANC	1.2mL
STD#9040U	U-[^{13C}13]-10 μg/mL in ANC	1.2mL
STD#8020U	U-[^{13C}20]-CPA - 10 μg/mL in ANC	1.2mL
STD#3121U	U-[^{13C}22]-HT-2 - 25 μg/mL in ANC	1.2mL
STD#3110U	U-[^{13C}24]- T-2 Toxin - 25 μg/mL in ANC/Water	1.2mL
STD#6010U	U-[^{13C}7]-Patulin - 25 μg/mL in ANC	1.2mL
STD#8030U	U-[^{13C}18]-Sterigmatocystin - 25 μg/mL in ANC	1.2mL
STD#3160U	U-[^{13C}19]- Diacetoxyscirpenol - 25 μg/mL in ANC	1.2mL
STD#7053U	U-[^{13C}2]Tenuazonic Acid（TeA-13C2- 25ug/mL in ANC	1.2mL
STD#7017U	Agroclavine - 25μg/mL in ANC	1.2mL
STD#2011U	Mix: (^{13C} Fumonisin) U-[^{13C}34]-FUM B$_1$, U-[^{13C}34]-FUM B$_2$ - 5 μg/mL in ANC/Water	1.2mL
STD#1080U	Mix (^{13C} Aflatoxin), U-[^{13C}17]-AFLA B$_1$, U-[^{13C}17]-AFLA B$_2$, U-[^{13C}17]-AFLA G$_1$, U-[^{13C}17]-AFLA G$_2$ - 0.5 μg/mL - 1.2 mL in ANC	1.2mL
STD#3020U	Mix(^{13C} DON), U-[^{13C}15]-DON, U-[^{13C}22]-HT-2, U-[^{13C}24]-T-2, U-[^{13C}18]-ZON	1.2mL

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PriboFast®
Quality Control Materials



PriboLab® Quality Control Materials

Pribolab provides different mycotoxin quality control materials, allowing the clients to verify the accuracy of measurements.

Product List
(Just parts of products are listed , other concentration and matrix of products also available)

Cat.No.	Product Name/Specification	Quantity	
MRM-AC-256	Aflatoxin 19.9ppb(±2.7ppb) in Corn	50g	100g
MRM-AC-268	Aflatoxin 4.5ppb(±0.5ppb) in Corn	50g	100g
MRM-AC-270	Aflatoxin 19.0ppb(±2.3ppb) in Corn	50g	100g
MRM-AC-274	Aflatoxin 7.3ppb(±0.9ppb) in Corn	50g	100g
MRM-AC-275	Aflatoxin 11.3ppb(±1.4ppb) in Corn	50g	100g
MRM-AC-277	Aflatoxin 50.8ppb(±4.4ppb) in Corn	50g	100g
MRM-AC-288	Aflatoxin 21.7ppb(±2.1ppb) in Corn	50g	100g
MRM-AC-294	Aflatoxin 14.6ppb(±1.9ppb) in Corn	50g	100g
MRM-AC-362	Aflatoxin 2.11ppb(±0.92ppb) in Corn	50g	100g
MRM-AC-2206	Aflatoxin 103.4ppb(±7.6ppb) in Corn	50g	100g
MRM-AC-2211	Aflatoxin 9.4ppb(±1.2ppb) in Corn	50g	100g
MRM-AW-703	Aflatoxin 0.8ppb(±0.35ppb) in Wheat	50g	100g
MRM-AP-713	Aflatoxin 5.73ppb(±2.52ppb) in Peanut	50g	100g
MRM-AM-282	AflatoxinM_1 in Milk powder	15g	30g
MRM-AM-283	AflatoxinM10.5bbp(±0.02ppb) in Skim milk	50g	100g
MRM-DW-153	Deoxynivalenol 2.1ppm(±0.02ppm) in Wheat	50g	100g
MRM-DC-614	Deoxynivalenol 2.7±0.2ppm in Corn	50g	100g
MRM-DC-610	Deoxynivalenol 1.9±0.1ppm in Corn	50g	100g
MRM-DW-360	Deoxynivalenol1.137ppm(±0.357ppm) in Wheat	50g	100g
MRM-DW-511	Deoxynivalenol 188ppb(±78ppb) in Wheat	50g	100g
MRM-ZC-324	Zearalenone1020.7±81.2ppb in Corn	50g	100g
MRM-ZC-319	Zearalenone164.9±20.5ppb in Corn	50g	100g
MRM-OW-813	Ochratoxin23.3±3.2ppb in Wheat	50g	100g
MRM-ZC-317	Zearalenone105.5±12.6ppb in Corn	50g	100g
MRM-MTC-9999C	Toxins(Concentration See certificate) in Corn	50g	100g
MRM-FC-417	Fumonisin2.7±0.7ppm in Corn	50g	100g
MRM-A-SF-11	Aflatoxin 19.7ppb(±2.9ppb) in Fodder	50g	100g
MRM-ZF-432	Zearalenone3550(±939ppb) in Fodder	50g	100g



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Pribolab®
Mycotoxin Concentrator

Pribolab®Mycotoxin concentrator is a rapid, high efficient and economical organic solvent evaporation system with a stainless steel housing and an organic solvent conduit. It is used to concentrate and evaporate the pretreatment sample especially for different mycotoxin testing. The system can concentrate small volume liquid during a short time, especially under airtight conditions.
As a result, cross-contamination can be avoided to ensure system's safety and high efficiency. If required, the vacuum pump helps to adjust the concentration which is beneficial to improve the efficiency of works.



Features

- Safety and high efficient evaporation and concentration
- 24 samples concentration to avoid cross contamination
- Adjustable temperature (double temperature control system) according to the concentrated solvent types
- One or more samples concentration simultaneously by vacuum valve
- Nitrogen is not used which can reduce the cost of concentration.
- Lower the risk of organic solvents and toxins on the experimental staff recommended by CDC.

Pribolab®
KRC

Pribolab® KRC photochemical post-column derivation is widely used in testing aflatoxin by liquid chromatography and liquid chromatography-fluorometry which can effectively improve sensitivity and response selectivity of testing. Additionally, it is also used in analyzing of barbiturate, amino acid, polypeptide, niacin/nicotinamide, vitamin, sulfonamides and so on.

Features

- Derivativing of aflatoxin B_1, G_1 online, without any chemical reagents
- The minimum detection limit of Aflatoxin B_1, B_2, G_1, G_2 is less than 0.1 ng/mL;
- Accord with 2005.08 AOAC2008.02 AOACAa11-05, China Taiwan Standard (Food No. 0981800370 Notice) and the European Pharmacopoeia 2.8.18 standard analytical methods;



Pribolab®
MDU

Pribolab® MDU is the latest production to derive aflatoxin, especially to be suitable for UPLC , and it can effectively reduce the separation time among Aflatoxin B_1, B_2, G_1 and G_2. This device can combine with chromatographic instrument and instantly derive B_1 and G_1. And the chemical and other relevant measuring nature of B_2, G_2, M_1 and M_2 have not been changed. It can be used in detecting and analyzing aflatoxin in food and medicine with Agilent, Shimadzu, Waters, Hitach, Dionex and other mainstream brand chromatographs at home and abroad.

Features

- Double light source to improve derivatization efficiency
- Flow rate up to 2 mL/min
- Longer service life, thermostability
- Apply to UPLC/HPLC





Auto IPS-6060

Automatic Operator for Immunoaffinity Columns

Pribolab® Auto IPS-6060 is a operating platform which can integrate the three steps of immunoaffinity purification, including sample enrichment, leaching and elution. The full realization of the immune affinity column automation operation is able to effectively improve the efficiency of sample pretreatment and free the operator from the cumbersome pre-treatment work .



Features

- Automatic operation for sample loading, rinsing, elution steps. Unattended overnight operation.
- Loading the extraction in the instrument, dilution will be finished Automatically.
- To ensure the consistency volume of suck/discharge, we selected a high-precision metering pump which has a long serving life . Control the solution loading at constant speed. Adding the eluent solution and incubating gradually. Suck-back every time to ensure the elution efficiency.
- All the reagents are closed in the system during the whole progress, no solvent evaporation. After use, the system will be wash automatically to avoid cross contamination.

Technical indicators	
Power Supply	220 V±10%；50-60 Hz; 240 W
Work Environment	Temperature：4-45℃ Humidity：10-90%
Liquid Switching Valve	Two ten-way valve and eight three-way valve are all Teflon material, dedicated waste channel
Liquid Manager	Liquid injector: two 10 mL injection pumps are pressing the liquid
Number of affinity columns	4/12
Number of channels	2
Processing time	＜30 min（Can be set）
Loading volume	≥0.5mL
Stroke control accuracy	＜±0.5%
Controllable flow rate	0.3-10 mL/min
Recovery rate	>90% (Standard test)
Solvent remains	<0.01%
Adaptability	Immunoaffinity column（1 mL、3 mL、6 mL）
Sample reagent tank	Reagent bottle size selection
Instrument’s size	660×440×600 nm（h×w×d）
Weight	28 kg





Immunoaffinity Columns Support

Immunoaffinity Columns Support

Pribolab®company has designed a simple and practical immunoaffinity column and SPE column support system for the use of immunoaffinity columns. The product is made of sturdy , chemically resistant materials and is designed to handle multiple immunoaffinity column and SPE column simultaneously. The pump system of the column greatly improves the sample processing efficiency. Its detachability and portability also bring more and more flexible space for experimental operation.

Features

- Positive pressure to avoid excess flow rate
- Precise control of flow rate
- 8-bit operation (including 2 large volumes of 30 mL)
- Open-sided, easy to clean
- Applicable to Pribolab immunoaffinity column, no conversion head required

Precautions

- The immunoaffinity chromatography column needs to be returned to room temperature (22~25℃) before use;
- Pipeline must be completely drained before every operation

Automatic Homogenizer

Automatic Homogenizer

Muti-Prep 2000S Realize the high-efficiency extraction by high speed homogeneous. The advantages are rapid extract, high-efficiency , high throughput and good applicability comparing traditional vibrate extraction and supersonic extraction. Multi samples can be extracted at the same time. Self- clean function can simplify your operation.

Features

- High performance brushless motor;Food grade stainless steel cutter.
- Washing module can do the deep cleanse by multi kinds of reagents. Ultrasonic cleaning also can be used to wash the bit tool.
- Depending on different samples, the movement mode of bit tool can be combined to heighten homogeneous effect.
- Stop working when the door is open, abnormal speed alarm, homogeneous solution memory.



S

Grinding sample instrument

Pribolab®Grinding sample instrument overcomes the physical error in the process of pulverization and sampling. And performs secondary pulverization and grinding sampling on the sample after sampling. Each sample can be divided into three equal parts and uniform in particle size after being ground by a fixed particle size sample. Scientifically guarantees the homogeneity of the samples after sampling and grinding, and then the samples can be analyzed for mycotoxin. This instrument can be used not only for the grinding of mycotoxin samples but also for the pre-grinding treatment of samples such as water, protein, fat, cellulose, transgenic and drug residues.

Features

- Efficient-Be able to load 7 kg sample, grinding speed 1 kg/min
- Safe- Less heat and dust
- General-For cereal or small pellets
- Durable-Rugged all-steel structure to ensure long serving life
- Easy to clean-To avoid cross-contamination.





PriboFast®
Vitamins Test Series

Pribolab adopts advanced monoclonal antibody immunoassay to develop the vitamin testing immuno-affinity column and immune kit product, which has the following characteristics:

Features

- Monoclonal antibodies with high specificity and high affinity
- The test limit meets the national limited standard
- Good stability and reliability, with a recovery rate of 90% and long shelf life
- Vitamin test can apply to food, health products and other complex matrix

Product List

Cat.No.	Product Name/Specification	Tests
IAC-101-3	PriboVitaTMVitamins B12/cobalaminimmunoaffinity column	25T
IAC-102-3	PriboVitaTMVitamins B7/biotinimmunoaffinity column	25T
IAC-103-3	PriboVitaTMVitamins B9/Folic acidimmunoaffinity column	25T
	Folic Acid	250mg/bottle
	Vitamin B12	50mg/bottle
	Solid D- biotin standard	250mg/bottle
EKT-101-96	PriboVitaTMVitamins B12/Cobalamine ELISA Kit	96T
EKT-102-96	PriboVitaTMVitamins B7/biotinELISAKit	96T
EKT-103-96	PriboVitaTMVitamins B9/Folic acidELISAKit	96T



Pribolab®

MDS

Pribolab® MDS combines Photochemical and Electrochemistry derivative system into one instrucment. By using double flow channels to switch the derivative flow path, realizes the conversion of photochemical derivative and electrochemical derivative, improve the detection efficiency and free the analysis workers from a single photochemical derivative or electrochemical derivative work. Used with HPLC equipment will expand the analytical range of the chromatographic system effectively , more substances can be derivatizated and can be widely applied to environmental, clinical, pharmaceutical, food and feed industries.

Features

- Combines Photochemical Derivation and Reagent Derivation within one instrucment, switch automatically. Compatible with any HPLC system, expand the applicability of HPLC system.
- PEEK material accessories and pips are used in the whole machine, acid-resisting and alkali-resisting, increase the service life. Self-cleaning pump greatly extends its service life.
- Built-in constant speeder, greatly reducing the flow rate pulse. Using constant temperature control system to keep the temperature constant.
- Post-column backflow prevention system, Over-temperature protectionsystem, Online degassing module.

Specification

Item	Specification	Item	Specification
Velocity Range	0.001～9.999 mL/min	Temp Stabilization	<30min
Struction of Infusion pump	Double plunger tandem reciprocating pump	Constant temperature error	+0.02℃
Flow Accuracy	0.5%	Heating power	100w
Flow Reproducibility	0.025%RSD	Derivative pool A Volume	1.5ml 0.5ml（Optional）
Pressure Range	0-20MPa	Derivative pool B Volume	0.5ml 0.15ml（Optional）
pressure Pulse	<0.05MPa	lamp-house wavelength	352nm



Pribolab®

ASSP-100

ASSP-100 Realize the automatic operation of liquid sample dispensing in the lab. Apply to single/mixed standard sample dispensing, solid sample dissolution, dilution and transfer with the advantage of accuracy, short time and reliable quality. Reducing the uncertainty during the working process, make the work efficiently. Specially suitable to the scientific research institution, analysis labs ,standard solution manufacturer and detection institution.

Features

- User-friendly Interface Touch screen/ Software (Ipad is optional))control Multiple dispensing methods Direct dilution/ Stepwise dilution optional
- Teflon or PEEK material fluid pipes, durable and no residue. Multiple washing modes for the pipetting needle cleaning:ultrasonic, organic solvent and water washing. The micro pipette tip can be useto avoid the cross contamination.
- Different measuring range can be use. Double pumps design to meet the requirements of accuracy microscale transfer and fast large valume shift .
- Adopting a complete closed structure,no ventilator was need .Unattended operation, automatic alarm.

Specification

- 3-D mechanical arm(x,y,z < 0.15mm)
- Sample bottle: compatible 2mL, 6mL, 10mL, 20mL, 50 mLbottles
- Sample numbers: maximum 200 samples for single plate, up to 450 samples totally
- Constant temperature mode: temperature range, room temp ~100 C (optional)
- Relative standard deviation(RSD)： ≦0.2%
- Repeatability: ≦+-1 %