

Mycotoxin Testing Solution



SOLUTIONS IN FOOD SAFETY AND TESTING



Mycotoxin Immunoaffinity Columns(IAC)



Features:

- High specificity monoclonal antibody;
- High column capacity/efficiency/high recovery rate;
- Complies with the AOAC Standards and the EC Regulation;
- Excellent performance for food, feed, spices, etc;
- Suitable for in combination with analysis methods including ELISA, HPLC , LC-MS, etc;
- Widely applicable for aflatoxin, deoxynivalenol, fumonisin, ochratoxin and zearalenone, etc.

Item No.	Product Name	Format	Tests
IAC-010-3	PriboFast® AflatoxinB1 Immunoaffinity Column	3mL	25/50T
IAC-011-3	PriboFast® Aflatoxin Total Immunoaffinity Column	3mL	25/50T
IAC-012-3	PriboFast® Aflatoxin M1 Immunoaffinity Column	3mL	25/50T
IAC-013-3	PriboFast® AflatoxinB1B2G1G2 M1 Immunoaffinity Column	3mL	25/50T
IAC-014-3	PriboFast® Aflatoxin B/G/M Immunoaffinity Column	3mL	25/50T
IAC-020-3	PriboFast® Zearalenone Immunoaffinity Column	3mL	25/50T
IAC-030-3	PriboFast® Deoxynivalenol Immunoaffinity Column	3mL	25/50T
IAC-040-3	PriboFast® Ochratoxin Immunoaffinity Column	3mL	25/50T
IAC-050-3	PriboFast® Fumonisin Immunoaffinity Column	3mL	25/50T
IAC-060-3	PriboFast® T-2/HT-2 toxin Immunoaffinity Column	3mL	25/50T
IAC-070-3	PriboFast® Citrinin Immunoaffinity Column	3mL	25/50T
IAC-400-6	PriboFast® AOZDFT* Compounds Immunoaffinity Column	6mL	25/50T

PriboMIP™

Mycotoxin Molecularly Imprinted Polymer Columns(MIP)

Features:

- Sample purification for trace analysis.
- Easy operation and quick speed.
- Highly specific MIP method in extract and concentrate targets (mycotoxin).
- Effectively remove the impurities and interferences, such as 5-HMF.
- Stable for 24 months at room temperature.
- Complies with the constitution of the European Commission (EC)1881/2006.
- Widely applicable for aflatoxin, zearalenone, deoxynivalenol, ochratoxin, fumonisin, T-2 toxin, patulin, etc.



Item No.	Product Name	Format	Tests
MIP-080-3	PriboMIP™ Patulin Column	3mL	25T
MIP-400-3	PriboMIP™ AOZDFT* Compounds Column	3mL	10T

Note:①AOZDFT*—Aflatoxin,Ochratoxin,Zearalenone,Deoxynivalenol,Fumonisin,T-2 toxin.

PriboFast®

Mycotoxin Multifunction Cleanup Columns (MFC)

Features:

- Adopt multiple composite fillers to absorb impurities efficiently;
- Realized multiple toxins purified simultaneously in one column;
- Quick speed: One-step within 30s.
- Stable performance and long shelf-life: over 30 months stable at room temperature.
- High recovery rate: $\geq 90\%$.
- Suitable for food, cereal, feed, beverage, herb sample.



Item No.	Product Name	Specificity	Format	Tests
M2001	PriboFast® 221 MFC	Fumonisin B1/B2/B3	3mL	25T
M2002	PriboFast® 222 MFC	Moniliformin	3mL	25T
M2005	PriboFast® 225 MFC	Trichothecene A/B	3mL	25T
M2006	PriboFast® 226 MFC	Aflatoxins, Zearalenones	5mL	25T
M2007	PriboFast® 227 MFC	Trichothecene A/B	5mL	25T
M2008	PriboFast® 228 MFC	Aflatoxins, Patulin	5mL	25T
M2009	PriboFast® 229 MFC	Ochratoxin A/B/C	3mL	25T
M2000	PriboFast® 200 MFC	Nivalenol,Deoxynivalenol	5mL	25T
M2100	PriboFast® 211 MFC	Fumonisin B1/B2/B3	5mL	25T
M2300	PriboFast® 220 MFC	Cyclopiazonic Acid	5mL	25T
M2400	PriboFast® 240 MFC	Moniliformin	5mL	25T
M2600	PriboFast® 260 MFC	Aflatoxin, Zearalenone	5mL	25T
M2900	PriboFast® 290 MFC	Ochratoxin A/B/C	5mL	25T
PS-100	PriboLabSpin™ 100 MFC	Multi-toxins(for Mass Spectrum use)	2mL	25T

PriboFast®

Mycotoxin ELISA Kits



Features:

- Uniquely provided with Pribospin ELISA SPIN sample pre-treatment cleanup spin columns;
- Quick speed, Easy operation;
- High sensitivity and recovery rate;
- Good reproducibility and repeatability;
- High throughput.

Item No.	Product Name	Sensitivity(ng/mL)	The Curve Range(ng/mL)	Tests
EKT-010	PriboFast® Aflatoxin B1 ELISA kit	0.15	0~3.0	48/96T
EKT-011	PriboFast® Aflatoxin Total ELISA kit	0.15	0~2.5	48/96T
EKT-012	PriboFast® Aflatoxin M1 ELISA kit	0.015	0~0.405	48/96T
EKT-020	PriboFast® Zearalenone ELISA kit	0.5	0~13.5	48/96T
EKT-030	PriboFast® Deoxynivalenol ELISA kit	10.0	0~270	48/96T
EKT-050	PriboFast® Fumonisin ELISA kit	1.0	0~70	48/96T
PS-100	Pribospin® ELISA SPIN(2mL)	Specifically Designed for Sample Pretreatment		50/100T

PriboStrip™

Mycotoxin Rapid Test Strips



Features:

- Quick speed: 10~12min interpret process;
- Applicable for milk, food, feed commodities;
- High sensitivity, easy to read.

PriboStrip™ Mycotoxin Rapid Test Strips (Qualitative)

Item No.	Product Name	LOD (mg/kg)	Tests
PRS-011	PriboStrip™ Aflatoxin Total Rapid Test Strip	5	25/50T
PRS-010	PriboStrip™ Aflatoxin B1 Rapid Test Strip	5	25/50T
PRS-020	PriboStrip™ Zearalenone Rapid Test Strip	20	25/50T
PRS-030	PriboStrip™ Deoxynivalenol Rapid Test Strip	100	25/50T

PriboStrip™ Mycotoxin Rapid Test Strips (Quantitative)

Item No.	Product Name	The Curve Range (mg/kg)	Tests
PRS-010Q	PriboStrip™ Aflatoxin B1 Quantitative Rapid Test Strip	0~60	25/50T
PRS-020Q	PriboStrip™ Zearalenone Quantitative Rapid Test Strip	0~1200	25/50T
PRS-030Q	PriboStrip™ Deoxynivalenol Quantitative Rapid Test Strip	0~6000	25/50T

Pribolab®

Lateral Flow Reader

Pribolab® Lateral Flow Reader (LFR-I) achieved fast, easy, and quantitative mycotoxin interpreting in combination with PriboSrip™ Mycotoxin Quantitative Rapid Test Strips. This reader provides more accessible mycotoxin testing to food and agriculture producers worldwide who rely on early detection to protect humans and animals from potentially lethal effects of contamination. Digital readings are clearly displayed on the screen of the Lateral Flow Reader, eliminating any guesswork about the results interpreting.



Pribolab®

Photochemical Derivatization Reactors

Pribolab® Photochemical Derivatization Reactor(EQ-KRC 1010//KRC-II) and Pribolab® Mycotoxin Derivatization Units(EQ-MDU 1020//MDU-20230) are post-column derivative devices that widely used in aflatoxin testing in combination with HPLC and liquid chromatography-fluorometry which will effectively enhance the fluorescence of aflatoxin B₁,G₁,by which the determination sensitivity of aflatoxin B₁,G₁ could be raised to 0.5ppb. Besides aflatoxin analysis, this device also applicable to the analysis of barbiturate, amino acid, polypeptide, niacin/nicotinamide, vitamin, sulfonamides, etc.



Photochemical Derivatization Reactor (EQ-KRC 1010//KRC-II)



Mycotoxin Derivatization Units (EQ-MDU 1020//MDU-20230)

Parameters	Name	Pribolab® Photochemical Derivatization Reactor (EQ-KRC 1010//KRC-II)	Pribolab® Mycotoxin Derivatization Units (EQ-MDU 1020//MDU-20230)
Derivatization Rate		Normal	High
FEP Derivative Pool Coil		≤10 meters	≤5 meters
Derivative Lamp		Number: 1 ; Power: 8W	Number: 2 ; Power: 9W
Lamp Life		> 3000 H	> 8000 H
Dimension		88mm*90mm*420mm (h*w*d)	100mm*150mm*280mm (h*w*d)

Pribolab®

Multifunction Derivatization System



Pribolab® Multifunction Derivatization System (MDS-3000//MDS-3100) integrated reagent derivative system and photochemical derivative system in one, the double derivative flow path could be switched freely as required, thus improving the testing efficiency significantly, and applicable for various of chemical compound that needs derivatization.

“MDS 3000” VS “MDS 3100”

Name	MDS 3000		MDS 3100	
	Basic	Updated	Basic	Updated
Version	Basic	Updated	Basic	Updated
Pump(s) Number	Single	Double	Single	Double
Pump head Self-cleaning	√	√	√	√
Photo Derivative Module	×	×	√	√
Flow Channel Auto-switch	×	×	√	√
Back-flow Preventer	√	√	√	√
Chemical Reaction Pool Specification	Default:0.5mL+1mL; Optional:0.1~2mL	Default:0.5mL+1mL; Optional:0.1~2mL	Default:0.5mL+1mL; Optional:0.1~2mL	Default:0.5mL+1mL; Optional:0.1~2mL

Pribolab

Devoted to Food Safety Every Day

Mycotoxin Testing Solution
Cyanotoxin & Marine Toxin Testing Solution
Food Allergen Testing Solution
Vitamin Testing Solution
GMO Testing Solution
Food Constituent Enzymatic Analysis Kits

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