

# Catalog 2024

## Romer Labs® Products & Services

Romer Labs is a global leader in innovative diagnostic solutions for food and feed safety. With our primary focus on mycotoxins, food allergens, GMOs, and microbial contaminants, we strive to meet the ever-changing demands of our customers while maintaining our reputation for exceptional service.

For more than 40 years, our core mission at Romer Labs has remained the same: Making the World's Food Safer®.

With our innovative products and outstanding service, we are committed to providing our customers with the necessary tools to ensure the safety and quality of their products.

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# Mycotoxins

With over 40 years of experience in mycotoxin detection, Romer Labs provides the broadest range of mycotoxin testing solutions on the market, including on-site, rapid methods, such as lateral flow devices, and lab-based ELISAs. Calibrant solutions, solid standards and cleanup columns help you to ensure the accuracy of your laboratory methods.



## AgraStrip® Pro WATEX® Lateral Flow Devices

The AgraStrip® Pro WATEX® test system enables the rapid and simple on-site quantification of mycotoxins in a variety of agricultural commodities. Both extraction and assay have been streamlined, reducing steps to a bare minimum while setting new standards in accuracy and usability.



## AgraQuant® ELISA Tests

AgraQuant® test kits are accurate and reliable enzyme-linked immunosorbent assays (ELISA) in a quantitative format. Results are measured with an ELISA reader, such as the StatFax® or the BioTek® reader.



## StarLine™ Immunoaffinity Columns

StarLine™ immunoaffinity columns are designed for the simple and reliable cleanup of a broad range of commodities, including feed.



## MycoSep® and MultiSep® Cleanup Columns

MycoSep® and MultiSep® columns contain a mixture of adsorbent materials designed for the cleanup of all relevant food and feed commodities. These cost-efficient cleanup columns are part of official AOAC and CEN methods and allow high sample throughput.



## MycoSpin® Cleanup Columns

The MycoSpin® 400 Multitoxin column contains a combination of adsorbents designed for the purification of commodity extracts for subsequent LC-MS/MS multi-mycotoxin analysis.



## Biopure™ Reference Materials

Biopure™ mycotoxin calibrants are high quality reference materials characterized by independent methods and accompanied by a certificate of analysis created in accordance with ISO Guide 31, ISO 17034 and Eurachem guidelines.



## AgraStrip® Lateral Flow Devices

Item No.	Product	Quantitation Range	Limit of Detection	No. of Tests
10006322	AgraStrip® Pro Total Aflatoxin WATEX® - 10 g Extraction kit	0 – 460 ppb	2 ppb/1 ppb*	40
10006320	AgraStrip® Pro Deoxynivalenol WATEX® - 10 g Extraction kit	0 – 44 ppm	0.1 ppm	40
10006318	AgraStrip® Pro Total Fumonisin WATEX® - 10 Extraction kit	0 – 44 ppm	0.1 ppm	40
10006316	AgraStrip® Pro Zearalenone WATEX® - 10 g Extraction kit	0 – 1650 ppb	25 ppb	40
10006317	AgraStrip® Pro Zearalenone WATEX® 50 g Extraction kit <sup>1</sup>	0 – 1650 ppb	25 ppb	40
10006332	AgraStrip® Pro Ochratoxin A WATEX® - 10 g Extraction kit	0 – 100 ppb	2 ppb/0,5 ppb*	40
10006614	AgraStrip® Pro T-2/HT-2 WATEX® - 10 g Extraction kit	0 – 1000 ppb	15 ppb	40
10002126	AgraStrip® Total Aflatoxin - excl. Whirl-Pak® bag	cut-off 20 ppb	-	24
10002127	AgraStrip® Total Aflatoxin	cut-off 20 ppb	-	24
10002129	AgraStrip® Total Aflatoxin <sup>2</sup> - excl. Whirl-Pak® bag	cut-off 4 ppb	-	24
10002130	AgraStrip® Total Aflatoxin <sup>2</sup>	cut-off 4 ppb	-	24
10002131	AgraStrip® Total Aflatoxin - excl. Whirl-Pak® bag	cut-off 10 ppb	-	24
10002132	AgraStrip® Total Aflatoxin	cut-off 10 ppb	-	24

\*High-sensitive method for aflatoxin and ochratoxin A available



## AgraVision™ Pro Reader, Equipment & Supplies

Item No.	Product
10006324	AgraVision™ Pro Reader
10006483	AgraVision™ Pro Printer
10006484	AgraVision™ Pro Scanner
10006165	AgraVision™ Pro Cartridge

The AgraVision™ Pro reader is a lateral flow device (LFD) reader, equipped with an integrated incubator. It is designed to be compatible with AgraStrip® Pro test kits for mycotoxins, GMOs, and allergens. The reader measures the intensity of the test line on AgraStrip® Pro LFDs and boasts the capacity to simultaneously run up to four distinct tests, enhancing efficiency and accuracy.



## AgraQuant® ELISA Tests

Item No.	Product	Quantitation Range	Limit of Detection	No. of Wells
10002098	AgraQuant® Total Aflatoxin	4 – 40 ppb	3 ppb	96
10002099	AgraQuant® Total Aflatoxin	4 – 40 ppb	3 ppb	48
10002100	AgraQuant® Total Aflatoxin <sup>2</sup>	1 – 20 ppb	1 ppb	96
10002101	AgraQuant® Total Aflatoxin <sup>2</sup>	1 – 20 ppb	1 ppb	48
10002116	AgraQuant® Aflatoxin M1 Sensitive	25 – 500 ppt	18 ppt	96
10002117	AgraQuant® Aflatoxin M1 Sensitive	25 – 500 ppt	18 ppt	48
10002120	AgraQuant® Aflatoxin M1 High Sensitivity	5 – 100 ppt	2.9 ppt	96
10002121	AgraQuant® Aflatoxin M1 High Sensitivity	5 – 100 ppt	2.9 ppt	48
10002122	AgraQuant® Aflatoxin B1	2 – 50 ppb	2 ppb	96
10002123	AgraQuant® Aflatoxin B1	2 – 50 ppb	2 ppb	48
10002102	AgraQuant® Ochratoxin	2 – 40 ppb	1.9 ppb	96
10002103	AgraQuant® Ochratoxin	2 – 40 ppb	1.9 ppb	48
10002104	AgraQuant® Fumonisin	0.25 – 5.0 ppm	0.20 ppm	96
10002105	AgraQuant® Fumonisin	0.25 – 5.0 ppm	0.20 ppm	48
10006638	AgraQuant® Deoxynivalenol Plus	0.25 – 5.0 ppm	0.20 ppm	96
10006639	AgraQuant® Deoxynivalenol Plus	0.25 – 5.0 ppm	0.20 ppm	48
10002111	AgraQuant® Zearalenone Plus	25 – 1000 ppb	20 ppb	96
10002112	AgraQuant® Zearalenone Plus	25 – 1000 ppb	20 ppb	48
10002113	AgraQuant® T-2 Toxin	20 – 500 ppb	10 ppb	96
10002114	AgraQuant® T-2 Toxin	20 – 500 ppb	10 ppb	48
10006953	AgraQuant® T-2/HT-2	25 – 500 ppb	25 ppb	96
10006954	AgraQuant® T-2/HT-2	25 – 500 ppb	25 ppb	48



## ELISA Reader

Item No.	Product
<b>StatFax® ELISA Reader (Awareness Technology, Inc.)</b>	
20000602	Stat Fax® 4700 ELISA Reader (405, 450, 492, 630 nm)

The StatFax® ELISA Reader is a microstrip reader intended for in-vitro diagnostic use. It is a compact, microprocessor-controlled, photometer system designed to read and calculate the results of endpoint colorimetric assays, which are read in microtiter strips. All AgraQuant® ELISA test kits featuring breakaway strips can be read by a Statfax® ELISA Reader.

<b>BioTek 800 TS UV Reader (BioTek® Instruments Inc.)</b>	
10002740	BioTek® 800TS Reader incl. Gen5 SW (405, 450, 490 and 630 nm)

The 800 TS is a compact microplate reader that measures in the visible range.

<b>ChroMate® ELISA Reader (Awareness Technology, Inc.)</b>	
10002699	ChroMate® ELISA Reader

The ChroMate® ELISA Reader is a compact and economical 8-channel microplate reader, intended for in-vitro diagnostic use. It reads a 96 well plate in 12 seconds and comes with versatile and flexible software. All AgraQuant® ELISA test kits can be read with the ChroMate® ELISA Reader.



## StarLine™ Immunoaffinity Columns

Item No.	Product	Specificity	Format	No. of Columns
10001962	AflaStar™ FIT	Aflatoxins B1, B2, G1 & G2	1 mL	25
10001963	AflaStar™ R	Aflatoxins B1, B2, G1 & G2	3 mL	25
10001964	AflaStar™ M1 R	Aflatoxin M1	3 mL	25
10001965	AflaStar™ FIT	Aflatoxins B1, B2, G1 & G2	1 mL	500
10001966	AflaStar™ R	Aflatoxins B1, B2, G1 & G2	3 mL	500
10001970	OchraStar™ R	Ochratoxin A	3 mL	25
10006167	AflaOchraStar™	Aflatoxin B, B2, G1 & G2, Ochratoxin A	3 mL	25
10001971	FumoniStar™	Fumonisin B1, B2, B3	3 mL	25
10001973	ZearaStar™ R	Zearalenone	3 mL	25
10001974	DONStar™	Deoxynivalenol	3 mL	25
10001977	T2/HT2 Star™ R	T2 Toxin, HT2 Toxin	3 mL	25
10005407	MultiStar™	Aflatoxins (AFB1, AFB2, AFG1 and AFG2), OTA, ZON, DON, FB1 and FB2, T2 and HT2 toxin	3 mL	25
10005406	FolStar™	Folic Acid	3 mL	25
10005408	BiotinStar™	Biotin	3 mL	25
10005409	B12Star™	Vitamin B12	3 mL	25



## Mycosep® and MultiSep® Cleanup Columns



Item No.	Product	Specificity	No. of Columns
<b>Mycosep®</b>			
10001948	Mycosep® 112 AflaZon	Aflatoxins B1, B2, G1 & G2, Zearalenone, Zearalenol, Zearalanol	25
10001949	Mycosep® 113 Trich <sup>3,4</sup>	Trichothecenes, Type A & B	25
10001950	Mycosep® 150 Ergot	Ergot Alkaloids	25
10001951	Mycosep® 224 AflaZon <sup>3</sup>	Aflatoxins B1, B2, G1 & G2, Zearalenone, Zearalenol, Zearalanol	25
10001952	Mycosep® 225 Trich	Trichothecenes, Type A & B	25
10001953	Mycosep® 226 AflaZon+	Aflatoxins B1, B2, G1 & G2, Zearalenone, Zearalenol, Zearalanol	25
10001954	Mycosep® 227 Trich+ <sup>3,4</sup>	Trichothecenes, Type A & B	25
10001955	Mycosep® 228 AflaPat <sup>4</sup>	Aflatoxins B1, B2, G1 & G2, Patulin	25
10001956	Mycosep® 229 Ochra	Ochratoxin A	25
10001959	Mycosep® 240 Mon	Moniliformin	25
<b>MultiSep®</b>			
10001937	MultiSep® 211 Fum	Fumonisin B1, B2 & B3	25
10001939	MultiSep® 224 AflaZon	Aflatoxins B1, B2, G1 & G2, Zearalenone, Zearalenol, Zearalanol	25
10001940	MultiSep® 225 Trich	Trichothecenes, Type A & B	25
10001941	MultiSep® 226 AflaZon+	Aflatoxins B1, B2, G1 & G2, Zearalenone, Zearalenol, Zearalanol	25
10001942	MultiSep® 227 Trich+ <sup>3,4</sup>	Trichothecenes, Type A & B	25
10001943	MultiSep® 228 AflaPat <sup>4</sup>	Aflatoxins B1, B2, G1 & G2, Patulin	25
10001944	MultiSep® 229 Ochra	Ochratoxin A	25



## Mycospin® Cleanup Column

Item No.	Product	Specificity	No. of Columns
10001961	Mycospin® 400 Multitoxin	Aflatoxin B1, B2, G1 & G2, Trichothecenes Type A & B, Zearalenone, Ochratoxin A, Fumonisin B1, B2 & B3	25



## Biopure™ Reference Materials

Item No.	Product	Amount
<b>ISO 17034 (Certified) Reference Materials*</b>		
10006701	Aflatoxin B1 (CRM) (2 µg/mL) in acetonitrile	5 mL
10006702	Aflatoxin B1 (CRM) (2 µg/mL) in acetonitrile	1 mL
10006703	Aflatoxin B2 (CRM) (0.5 µg/mL) in acetonitrile	5 mL
10006704	Aflatoxin B2 (CRM) (0.5 µg/mL) in acetonitrile	1 mL
10006705	Aflatoxin G1 (CRM) (2 µg/mL) in acetonitrile	5 mL
10006706	Aflatoxin G1 (CRM) (2 µg/mL) in acetonitrile	1 mL
10006707	Aflatoxin G2 (CRM) (0.5 µg/mL) in acetonitrile	5 mL
10006708	Aflatoxin G2 (CRM) (0.5 µg/mL) in acetonitrile	1 mL
10006709	T-2 Toxin (RM) (100 µg/mL) in acetonitrile	5 mL
10006710	T-2 Toxin (RM) (100 µg/mL) in acetonitrile	1 mL
10006711	HT-2 Toxin (RM) (100 µg/mL) in acetonitrile	5 mL
10006712	HT-2 Toxin (RM) (100 µg/mL) in acetonitrile	1 mL
10006713	Nivalenol (RM) (100 µg/mL) in acetonitrile	5 mL
10006714	Nivalenol (RM) (100 µg/mL) in acetonitrile	1 mL
10006715	Deoxynivalenol (CRM) (100 µg/mL) in acetonitrile	5 mL
10006716	Deoxynivalenol (CRM) (100 µg/mL) in acetonitrile	1 mL
10006717	Zearalenone (CRM) (100 µg/mL) in acetonitrile	5 mL
10006718	Zearalenone (CRM) (100 µg/mL) in acetonitrile	1 mL
10006719	Ochratoxin A (CRM) (10 µg/mL) in acetonitrile	5 mL
10006720	Ochratoxin A (CRM) (10 µg/mL) in acetonitrile	1 mL
10006723	Fumonisin B1 (RM) (50 µg/mL) in acetonitrile/water	5 mL
10006721	Fumonisin B1 (RM) (50 µg/mL) in acetonitrile/water	1 mL
10006722	Fumonisin B2 (RM) (50 µg/mL) in acetonitrile/water	5 mL
10006724	Fumonisin B2 (RM) (50 µg/mL) in acetonitrile/water	1 mL
10007040	Patulin (RM) (100 µg/mL) in acetonitrile	5 mL
10007041	Patulin (RM) (100 µg/mL) in acetonitrile	1 mL

\* CRM = ISO 17034 Certified Reference Materials  
RM = ISO 17034 Reference Materials

## EN 17641:2022 Reference Materials

10006058	MIX 13 (100 ng/mL <sup>13</sup> C <sub>17</sub> Aflatoxin M1 in acetonitrile)	5 mL
10006057	MIX 14 ( <sup>13</sup> C Aflatoxins: 100 ng/mL <sup>13</sup> C <sub>17</sub> Aflatoxin B1, 100 ng/mL <sup>13</sup> C <sub>17</sub> Aflatoxin B2, 100 ng/mL <sup>13</sup> C <sub>17</sub> Aflatoxin G1, 100 ng/mL <sup>13</sup> C <sub>17</sub> Aflatoxin G2 in acetonitrile)	5 mL
10006056	MIX 15 ( <sup>13</sup> C Fusarinis: 10 µg/mL <sup>13</sup> C <sub>34</sub> Fumonisin B1, 10 µg/mL <sup>13</sup> C <sub>34</sub> Fumonisin B2 in acetonitrile/water)	5 mL
10006055	MIX 16 ( <sup>13</sup> C Fusarium Toxins: 5 µg/mL <sup>13</sup> C <sub>15</sub> Deoxynivalenol, 5 µg/mL <sup>13</sup> C <sub>17</sub> 3-Acetyldeoxynivalenol, 10 µg/mL <sup>13</sup> C <sub>15</sub> Nivalenol, 2.5 µg/mL <sup>13</sup> C <sub>22</sub> HT-2 toxin, 2.5 µg/mL <sup>13</sup> C <sub>24</sub> T-2 toxin, 2.0 µg/mL <sup>13</sup> C <sub>8</sub> Zearalenone in acetonitrile)	5 mL
10006054	MIX 17 (100 ng/mL Aflatoxin M1 in acetonitrile)	5 mL
10006053	MIX 18 (Aflatoxins: 100 ng/mL Aflatoxin B1, 100 ng/mL Aflatoxin B2, 100 ng/mL Aflatoxin G1, 100 ng/mL Aflatoxin G2 in acetonitrile)	5 mL
10006052	MIX 19 (Fumonisin: 5 µg/mL Fumonisin B1, 5 µg/mL Fumonisin B2 in acetonitrile/water)	5 mL
10006051	MIX 20 (Fusarium Toxins: 5 µg/mL Deoxynivalenol, 5 µg/mL 3-Acetyldeoxynivalenol, 10 µg/mL Nivalenol, 2.5 µg/mL HT-2 toxin, 2.5 µg/mL T-2 toxin, 2.0 µg/mL Zearalenone in acetonitrile)	5 mL



**Biopure™** Reference Materials

Item No.	Product	Amount
<b>Calibrant Solutions</b>		
10000337	3-Acetyl-Deoxynivalenol (3-AcDON) (100 µg/mL) in acetonitrile	5 mL
10003649	3-Acetyl-Deoxynivalenol (3-AcDON) (100 µg/mL) in acetonitrile	1 mL
10002875	15-Acetoxy-scirpenol (50 µg/mL) in acetonitrile	1 mL on request
10000338	15-Acetyl-Deoxynivalenol (15-AcDON) (100 µg/mL) in acetonitrile	5 mL
10003650	15-Acetyl-Deoxynivalenol (15-AcDON) (100 µg/mL) in acetonitrile	1 mL
10000340	Aflatoxin B1 (AFB1) (2 µg/mL) in acetonitrile	5 mL
10003652	Aflatoxin B1 (AFB1) (2 µg/mL) in acetonitrile	1 mL
10000341	Aflatoxin B2 (AFB2) (0.5 µg/mL) in acetonitrile	5 mL
10003653	Aflatoxin B2 (AFB2) (0.5 µg/mL) in acetonitrile	1 mL
10000342	Aflatoxin G1 (AFG1) (2 µg/mL) in acetonitrile	5 mL
10003654	Aflatoxin G1 (AFG1) (2 µg/mL) in acetonitrile	1 mL
10000343	Aflatoxin G2 (AFG2) (0.5 µg/mL) in acetonitrile	5 mL
10003655	Aflatoxin G2 (AFG2) (0.5 µg/mL) in acetonitrile	1 mL
10000349	Aflatoxin M1 (AFM1) (0.5 µg/mL) in acetonitrile	5 mL
10003661	Aflatoxin M1 (AFM1) (0.5 µg/mL) in acetonitrile	1 mL
10000148	Aflatoxin M2 (AFM2) (0.5 µg/mL) in acetonitrile	1 mL
10003676	Alpha-Zearalanol (Zeranol) (10 µg/mL) in acetonitrile	1 mL
10003667	Alpha-Zearalenol (10 µg/mL) in acetonitrile	1 mL
10003681	Alternariol (100 µg/mL), dried down	1 mL
10003682	Alternariolmethylether (100 µg/mL), dried down	1 mL
10003684	Altenuene (10 µg/mL) in acetonitrile	1 mL
10003685	Altetoxin 1 (10 µg/mL) in acetonitrile	1 mL
10002867	Beauvericin (100 µg/mL), dried down	1 mL
10003677	Beta-Zearalanol (Taleranol) (10 µg/mL) in acetonitrile	1 mL
10003668	Beta-Zearalenol (10 µg/mL) in acetonitrile	1 mL
10003679	Citrinin (100 µg/mL) in acetonitrile	1 mL
10002881	Cyclopiazonic Acid (100 µg/mL) in acetonitrile	1 mL on request
10000350	Deepoxy-Deoxynivalenol (50 µg/mL) in acetonitrile	5 mL
10003662	Deepoxy-Deoxynivalenol (50 µg/mL) in acetonitrile	1 mL
10000334	Deoxynivalenol (DON) (100 µg/mL) in acetonitrile	5 mL
10003646	Deoxynivalenol (DON) (100 µg/mL) in acetonitrile	1 mL
10003669	Deoxynivalenol-3-Glucoside (DON3G) (50 µg/mL) in acetonitrile	1 mL
10000353	Diacetoxyscirpenol (DAS) (100 µg/mL) in acetonitrile	5 mL
10003665	Diacetoxyscirpenol (DAS) (100 µg/mL) in acetonitrile	1 mL
10000330	Fumonisin B1 (FB1) (50 µg/mL) in acetonitrile/water	5 mL
10003642	Fumonisin B1 (FB1) (50 µg/mL) in acetonitrile/water	1 mL
10002873	Fumonisin B1, hydrolyzed (HFB1) (25 µg/mL) in acetonitrile/water	1 mL on request
10000331	Fumonisin B2 (FB2) (50 µg/mL) in acetonitrile/water	5 mL
10003643	Fumonisin B2 (FB2) (50 µg/mL) in acetonitrile/water	1 mL
10003645	Fumonisin B3 (FB3) (50 µg/mL) in acetonitrile/water	1 mL
10000335	Fusarenon X (FusX) (100 µg/mL) in acetonitrile	5 mL
10003647	Fusarenon X (FusX) (100 µg/mL) in acetonitrile	1 mL
10000352	HT-2 Toxin (HT-2) (100 µg/mL) in acetonitrile	5 mL
10003664	HT-2 Toxin (HT-2) (100 µg/mL) in acetonitrile	1 mL
10003678	Moniliformin (MON) (100 µg/mL) in acetonitrile/water	1 mL
10003672	Mycophenolic acid (100 µg/mL) in acetonitrile	1 mL on request
10000328	Neosolaniol (NEO) (100 µg/mL) in acetonitrile	5 mL
10003640	Neosolaniol (NEO) (100 µg/mL) in acetonitrile	1 mL
10000336	Nivalenol (NIV) (100 µg/mL) in acetonitrile	5 mL
10003648	Nivalenol (NIV) (100 µg/mL) in acetonitrile	1 mL
10000346	Ochratoxin A (OTA) (10 µg/mL) in acetonitrile	5 mL
10003658	Ochratoxin A (OTA) (10 µg/mL) in acetonitrile	1 mL
10003674	Ochratoxin B (OTB) (10 µg/mL) in acetonitrile	1 mL
10003675	Ochratoxin-alpha (OTα) (10 µg/mL) in acetonitrile	1 mL
10000347	Patulin (PAT) (100 µg/mL) in acetonitrile	5 mL
10003659	Patulin (PAT) (100 µg/mL) in acetonitrile	1 mL



**Biopure™** Reference Materials

Item No.	Product	Amount
<b>Calibrant Solutions</b>		
10000356	Sterigmatocystin (50 µg/mL) in acetonitrile	5 mL
10003673	Sterigmatocystin (50 µg/mL) in acetonitrile	1 mL
10003671	T-2 Tetraol (50 µg/mL) in acetonitrile	1 mL on request
10000351	T-2 Toxin (T-2) (100 µg/mL) in acetonitrile	5 mL
10003663	T-2 Toxin (T-2) (100 µg/mL) in acetonitrile	1 mL
10003670	T-2 Triol (50 µg/mL) in acetonitrile	1 mL
10003683	Tentoxin (100 µg/mL), dried down	1 mL
10002868	Tenuazonic acid (100 µg/mL), dried down	1 mL
10003666	Zearalanone (ZAN) (10 µg/mL) in acetonitrile	1 mL
10000348	Zearalenone (100 µg/mL) in acetonitrile	5 mL
10003660	Zearalenone (100 µg/mL) in acetonitrile	1 mL
<b>Ergot Alkaloids*</b>		
10002871	Dihydroergocristine (100 µg/mL), dried down	0.5 mg on request
10000357	Ergocornine (100 µg/mL), dried down	0.5 mg
10000364	Ergocorninine (25 µg/mL), dried down	0.125 mg
10000358	Ergocristine (100 µg/mL), dried down	0.5 mg
10000365	Ergocristinine (25 µg/mL), dried down	0.125 mg
10000359	Ergocryptine (100 µg/mL), dried down	0.5 mg
10000366	Ergocryptinine (25 µg/mL), dried down	0.125 mg
10000360	Ergometrine (100 µg/mL), dried down	0.5 mg
10002877	Ergometrinine (25 µg/mL), dried down	0.125 mg
10000361	Ergosine (100 µg/mL), dried down	0.5 mg
10002876	Ergosinine (25 µg/mL), dried down	0.125 mg
10000362	Ergotamine (100 µg/mL), dried down	0.5 mg
10000367	Ergotaminine (25 µg/mL), dried down	0.125 mg
* stated concentration after reconstitution in 5 mL of solvent		
<b>Calibrant Mixtures</b>		
10000344	MIX 1 (Aflatoxins: 2 µg/mL Aflatoxin B1, 2 µg/mL Aflatoxin G1, 0.5 µg/mL Aflatoxin B2, 0.5 µg/mL Aflatoxin G2 in acetonitrile)	5 mL
10003656	MIX 1 (Aflatoxins: 2 µg/mL Aflatoxin B1, 2 µg/mL Aflatoxin G1, 0.5 µg/mL Aflatoxin B2, 0.5 µg/mL Aflatoxin G2 in acetonitrile)	1 mL
10000339	MIX 2 (B-Trichothecenes: 100 µg/mL each of Deoxynivalenol, Nivalenol, 3-Acetyl-Deoxynivalenol, 15-Acetyl-Deoxynivalenol in acetonitrile)	5 mL
10003651	MIX 2 (B-Trichothecenes: 100 µg/mL each of Deoxynivalenol, Nivalenol, 3-Acetyl-Deoxynivalenol, 15-Acetyl-Deoxynivalenol in acetonitrile)	1 mL
10000333	MIX 3 (Fumonisin: 50 µg/mL each Fumonisin B1, Fumonisin B2 in acetonitrile/water)	5 mL
10003644	MIX 3 (Fumonisin: 50 µg/mL each Fumonisin B1, Fumonisin B2 in acetonitrile/water)	1 mL
10000329	MIX 4 (A- & B-Trichothecenes: 10 µg/mL each 3-Acetyl-Deoxynivalenol, Deoxynivalenol, Nivalenol, Fusarenon X, HT-2 Toxin, T-2 Toxin, Diacetoxyscirpenol, Zearalenone in acetonitrile)	5 mL
10003641	MIX 4 (A- & B-Trichothecenes: 10 µg/mL each 3-Acetyl-Deoxynivalenol, Deoxynivalenol, Nivalenol, Fusarenon X, HT-2 Toxin, T-2 Toxin, Diacetoxyscirpenol, Zearalenone in acetonitrile)	1 mL
10000345	MIX 5 (Aflatoxins: 0.25 µg/mL each Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2 in acetonitrile)	6 mL
10003657	MIX 5 (Aflatoxins: 0.25 µg/mL each Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2 in acetonitrile)	1 mL
10002880	MIX 8 (Fusarium Toxins: 100 µg/mL Deoxynivalenol, 100 µg/mL HT-2 Toxin, 10 µg/mL T-2 Toxin, 30 µg/mL Zearalenone in acetonitrile)	5 mL on request
10002879	MIX 9 (Aflatoxins: 1 µg/mL each Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2 in acetonitrile)	5 mL



**Biopure™** Reference Materials

Item No.	Product	Amount
<b>Stable Isotope Labeled Calibrants</b>		
10002811	U- <sup>13</sup> C <sub>17</sub> -3-Acetyl-Deoxynivalenol (25 µg/mL) in acetonitrile	1.2 mL
10002818	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin B1 (0.5 µg/mL) in acetonitrile	1.2 mL
10006999	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin B1 (0.5 µg/mL) in acetonitrile	5 mL
10002819	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin B2 (0.5 µg/mL) in acetonitrile	1.2 mL
10007018	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin B2 (0.5 µg/mL) in acetonitrile	5 mL
10002820	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin G1 (0.5 µg/mL) in acetonitrile	1.2 mL
10007019	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin G1 (0.5 µg/mL) in acetonitrile	5 mL
10002822	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin G2 (0.5 µg/mL) in acetonitrile	1.2 mL
10007020	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin G2 (0.5 µg/mL) in acetonitrile	5 mL
10002840	U- <sup>13</sup> C <sub>17</sub> -15-Acetyl-Deoxynivalenol (10 µg/mL) in acetonitrile	1.2 mL
10002832	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin M1 (0.5 µg/mL) in acetonitrile	1.2 mL
10007022	U- <sup>13</sup> C <sub>17</sub> -Aflatoxin M1 (0.5 µg/mL) in acetonitrile	5 mL
10002836	U- <sup>13</sup> C <sub>13</sub> -Citrinin (10 µg/mL) in acetonitrile	1.2 mL
10002837	U- <sup>13</sup> C <sub>20</sub> -Cyclopiazonic acid (10 µg/mL) in acetonitrile	1.2 mL on request
10002831	U- <sup>13</sup> C <sub>19</sub> -Diacetoxyscirpenol (25 µg/mL) in acetonitrile	1.2 mL
10002838	U- <sup>13</sup> C <sub>21</sub> -Deoxynivalenol-3-Glucoside (10 µg/mL) in acetonitrile	1.2 mL
10000332	U- <sup>13</sup> C <sub>15</sub> -Deoxynivalenol (25 µg/mL) in acetonitrile	1.2 mL
10006137	U- <sup>13</sup> C <sub>15</sub> -Deoxynivalenol (25 µg/mL) in acetonitrile	5 mL
10002806	U- <sup>13</sup> C <sub>34</sub> -Fumonisin B1 (25 µg/mL) in acetonitrile/water	1.2 mL
10006995	U- <sup>13</sup> C <sub>34</sub> -Fumonisin B1 (25 µg/mL) in acetonitrile/water	5 mL
10002808	U- <sup>13</sup> C <sub>34</sub> -Fumonisin B2 (10 µg/mL) in acetonitrile/water	1.2 mL
10006996	U- <sup>13</sup> C <sub>34</sub> -Fumonisin B2 (10 µg/mL) in acetonitrile/water	5 mL
10002810	U- <sup>13</sup> C <sub>34</sub> -Fumonisin B3 (10 µg/mL) in acetonitrile/water	1.2 mL
10002814	U- <sup>13</sup> C <sub>22</sub> -HT-2 Toxin (25 µg/mL) in acetonitrile	1.2 mL
10006997	U- <sup>13</sup> C <sub>22</sub> -HT-2 Toxin (25 µg/mL) in acetonitrile	5 mL
10002823	U- <sup>13</sup> C <sub>17</sub> -Mycophenolic acid (100 µg/mL) in acetonitrile	1.2 mL on request
10002829	U- <sup>13</sup> C <sub>15</sub> -Nivalenol (25 µg/mL) in acetonitrile	1.2 mL
10002812	U- <sup>13</sup> C <sub>20</sub> -Ochratoxin A (10 µg/mL) in acetonitrile	1.2 mL
10002813	U- <sup>13</sup> C <sub>20</sub> -Ochratoxin A (10 µg/mL) in acetonitrile	5 mL
10002825	U- <sup>13</sup> C <sub>7</sub> -Patulin (25 µg/mL) in acetonitrile	1.2 mL
10007023	U- <sup>13</sup> C <sub>7</sub> -Patulin (25 µg/mL) in acetonitrile	5 mL
10002828	U- <sup>13</sup> C <sub>18</sub> -Sterigmatocystin (25 µg/mL) in acetonitrile	1.2 mL
10000354	U- <sup>13</sup> C <sub>24</sub> -T-2 Toxin (25 µg/mL) in acetonitrile	1.2 mL
10006994	U- <sup>13</sup> C <sub>24</sub> -T-2 Toxin (25 µg/mL) in acetonitrile	5 mL
10002816	U- <sup>13</sup> C <sub>18</sub> -Zearalenone (25 µg/mL) in acetonitrile	1.2 mL
10006998	U- <sup>13</sup> C <sub>18</sub> -Zearalenone (25 µg/mL) in acetonitrile	5 mL
10006457	U- <sup>13</sup> C <sub>14</sub> -Alternariol (25 µg/mL) in acetonitrile	1.2 mL
10006458	U- <sup>13</sup> C <sub>15</sub> -Alternariolmethylether (25 µg/mL) in acetonitrile	1.2 mL
10006945	U- <sup>13</sup> C <sub>4</sub> -Moniliformin (10 µg/mL) in acetonitrile/water (90/10)	1.2 mL
10006810	Altenuene-d3 in acetonitrile (10 µg/mL) in acetonitrile	1.2 mL
10000142	Tentoxin-d6 in acetonitrile (10 µg/mL) in acetonitrile	1.2 mL

**Stable Isotope Labeled Calibrant Mixtures**

10002835	MIX 10	( <sup>13</sup> C Fusarium Toxins: 10 µg/mL <sup>13</sup> C <sub>15</sub> Deoxynivalenol, 10 µg/mL <sup>13</sup> C <sub>22</sub> HT-2Toxin, 1 µg/mL <sup>13</sup> C <sub>24</sub> T-2Toxin, 3 µg/mL <sup>13</sup> C <sub>18</sub> Zearalenone in acetonitrile)	1.2 mL on request
10002834	MIX 11	( <sup>13</sup> C Aflatoxins: 0.5 µg/mL each <sup>13</sup> C <sub>17</sub> Aflatoxin B1, <sup>13</sup> C <sub>17</sub> Aflatoxin B2, <sup>13</sup> C <sub>17</sub> Aflatoxin G1, <sup>13</sup> C <sub>17</sub> Aflatoxin G2 in acetonitrile)	1.2 mL
10007021	MIX 11	( <sup>13</sup> C Aflatoxins: 0.5 µg/mL each <sup>13</sup> C <sub>17</sub> Aflatoxin B1, <sup>13</sup> C <sub>17</sub> Aflatoxin B2, <sup>13</sup> C <sub>17</sub> Aflatoxin G1, <sup>13</sup> C <sub>17</sub> Aflatoxin G2 in acetonitrile)	5 mL
10002833	MIX 12	( <sup>13</sup> C Fumonisins: 5 µg/mL each <sup>13</sup> C <sub>34</sub> Fumonisin B1, <sup>13</sup> C <sub>34</sub> Fumonisin B2 in acetonitrile/water)	1.2 mL



**Biopure™** Reference Materials

Item No.	Product	Amount
<b>Solid Standards</b>		
10000302	3-Acetyl-Deoxynivalenol (99.4 ± 0.6 purity [%])	5 mg
10000319	3-Acetyl-Deoxynivalenol (99.4 ± 0.6 purity [%])	10 mg
10000305	15-Acetyl-Deoxynivalenol (98.8 ± 1.2 purity [%])	5 mg
10000322	15-Acetyl-Deoxynivalenol (98.8 ± 1.2 purity [%])	10 mg
10000311	Aflatoxin B1 (99.5 ± 0.5 purity [%])	5 mg
10000312	Aflatoxin B2 (99.7 ± 0.3 purity [%])	5 mg
10000313	Aflatoxin G1 (98.0 ± 2.0 purity [%])	5 mg
10000314	Aflatoxin G2 (97.1 ± 2.9 purity [%])	5 mg
10000301	Deoxynivalenol (99.4 ± 0.6 purity [%])	5 mg
10000318	Deoxynivalenol (99.4 ± 0.6 purity [%])	10 mg
10000306	Fumonisin B1 (97.6 ± 2.4 purity [%])	5 mg
10000323	Fumonisin B1 (97.6 ± 2.4 purity [%])	10 mg
10000303	Fusarenon X (99.4 ± 0.6 purity [%])	5 mg
10000320	Fusarenon X (99.4 ± 0.6 purity [%])	10 mg
10000309	Neosolaniol (99.4 ± 0.6 purity [%])	5 mg
10000326	Neosolaniol (99.4 ± 0.6 purity [%])	10 mg
10000304	Nivalenol hydrate (98.6 ± 1.4 purity [%])	5 mg
10000321	Nivalenol hydrate (98.6 ± 1.4 purity [%])	10 mg
10000307	Ochratoxin A (99.5 ± 0.5 purity [%])	5 mg
10000324	Ochratoxin A (99.5 ± 0.5 purity [%])	10 mg
10000315	Patulin (99.7 ± 0.3 purity [%])	5 mg
10000316	Sterigmatocystin (99.7 ± 0.3 purity [%])	5 mg
10000310	T-2 Toxin (99.7 ± 0.3 purity [%])	5 mg
10000327	T-2 Toxin (99.7 ± 0.3 purity [%])	10 mg
10000308	Zearalenone (99.4 ± 0.6 purity [%])	5 mg
10000325	Zearalenone (99.4 ± 0.6 purity [%])	10 mg

**Quality Control Materials†**

10003611	Blank wheat	100 g
10007113	Aflatoxins in corn, low level	100 g
10007115	Deoxynivalenol in corn, high level	100 g
10003624	Zearalenone in corn, low level	100 g
10007114	Afla, DON, ZON and FUM in corn, mid level	100 g
10007116	DON, T-2/HT-2 and OTA in wheat, low level	100 g

† These products represent naturally contaminated materials. Supplies are limited. The exact concentration of the respective mycotoxins is stated on the certificate of analysis.



## Laboratory Equipment

Item No.	Product
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### Romer Evap® System

10002546	Romer Evap® System, 12 Port, small, 115V
10002549	Romer Evap® System, 12 Port, large, 115V
10002550	Romer Evap® System, 24 Port, small, 115V
10002553	Romer Evap® System, 24 Port, large, 115V
10002547	Romer Evap® System, 12 Port, small, 230V
10002548	Romer Evap® System, 12 Port, large, 230V
10002551	Romer Evap® System, 24 Port, small, 230V
10002552	Romer Evap® System, 24 Port, large, 230V

The Romer Evap® is a versatile, easy-to-use system that rapidly evaporates common organic solvents. Among the many features of the Romer Evap® System are the stainless steel design and solvent-resistant tubing. The system can be customized for either 12- or 24-port evaporation. Each row of ports can be separately controlled to regulate the amount of vacuum or may be completely shut off when not in use. The Romer Evap® System includes a 12- or 24-port evaporator, dry bath and vacuum pump.

### Romer® Cell

10002778	Romer® Cell
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The unit enables electrochemical post-column derivatization for the determination of aflatoxins by HPLC-FLD.



# Food Allergens

Whether you need qualitative or quantitative results, Romer Labs offers the broadest portfolio of food allergen test kits commercially available. Our LFD and ELISA kits target all the „Big 8“ allergens and more, while innovative technologies such as our Gluten G12® antibody kit provides next-generation protection to celiac patients.



## AgraStrip® Pro Lateral Flow Devices

The AgraStrip® Pro allergen test kits are ready-to-use lateral flow devices (LFD) for on-site testing. They allow for the rapid analysis of a wide range of foods, beverages, rinsates and environmental samples within only 11 minutes (including extraction). They are compatible with the AgraVision® Pro Reader.



## AgraQuant® Plus ELISA Tests

The AgraQuant® Plus test kits are accurate and reliable enzyme-linked immunosorbent assays (ELISA) specifically designed for a more efficient workflow. These kits are optimized for the analysis of processed samples and can be performed in only 30 minutes.



## AgraQuant® ELISA Tests

AgraQuant® test kits are accurate and reliable enzyme-linked immunosorbent assays (ELISA) in a quantitative format. These are optimized for the detection of a wide variety of foods, beverages, rinsates and environmental samples.



## LGC Reference Materials

Introducing the world's first multi-allergen reference materials! These materials are ISO 17034-certified allergen reference materials developed by the National Measurement Laboratory at LGC in the UK. They are suitable for method development and evaluation and serve as quality control materials.



## AgraQuant® Plus ELISA Tests

Item No.	Product	Quantitation Range	Limit of Detection	No. of Wells
10002023	AgraQuant® Plus Almond	1 – 25 ppm	0.5 ppm	48
10002042	AgraQuant® Plus Casein	1 – 25 ppm	0.2 ppm	48
10002096	AgraQuant® Plus Cashew	1 – 25 ppm	1 ppm	48
10002060	AgraQuant® Plus Egg	1 – 25 ppm	0.5 ppm	48
10002008	AgraQuant® Plus Hazelnut	2 – 25 ppm	1 ppm	48
10002053	AgraQuant® Plus Macadamia nut	1 – 25 ppm	1 ppm	48
10002072	AgraQuant® Plus Mustard	1 – 25 ppm	0.5 ppm	48
10001992	AgraQuant® Plus Peanut	1 – 25 ppm	0.5 ppm	48
10002088	AgraQuant® Plus Pistachio	1 – 25 ppm	1 ppm	48
10002066	AgraQuant® Plus Sesame	1 – 25 ppm	1 ppm	48



## AgraQuant® ELISA Tests

Item No.	Product	Quantitation Range	Limit of Detection	No. of Wells
10002021	AgraQuant® Almond	0.4 – 10 ppm	0.2 ppm	48
10002034	AgraQuant® Beta-Lactoglobulin	10 – 400 ppb	1.5 ppb	48
10002037	AgraQuant® Casein	0.2 – 6 ppm	0.04 ppm	96
10002094	AgraQuant® Cashew	2 – 60 ppm	0.2 ppm	48
10002076	AgraQuant® Crustacea	20 – 400 ppb	0.9 ppb	48
10002026	AgraQuant® Egg White	0.4 – 10 ppm	0.05 ppm	48
10002083	AgraQuant® Fish	4 – 100 ppm	1.4 ppm	48
10001994	AgraQuant® Gluten G12® *	4 – 200 ppm	2 ppm	96
10001999	AgraQuant® Gluten G12® Extraction Buffer	-	-	-
10002002	AgraQuant® Gluten	4 – 120 ppm	0.6 ppm	48
10002006	AgraQuant® Hazelnut	1 – 40 ppm	0.3 ppm	48
10002017	AgraQuant® Histamine	0.5 – 50 ppb	0.15 ppb	96
10002018	AgraQuant® Histamine Rapid	3 – 300 ppm	1 ppm	48
10002049	AgraQuant® Lupin	2 – 30 ppm	0.2 ppm	48
10002090	AgraQuant® Lysozyme	25 – 250 ppb	2 ppb	48
10002080	AgraQuant® Milk	0.4 – 10 ppm	0.05 ppm	48
10006023	AgraQuant® Mollusk	10 – 400 ppb	1.7 ppb	48
10002070	AgraQuant® Mustard	2 – 60 ppm	1 ppm	48
10002092	AgraQuant® Ovalbumin	25 – 500 ppb	4 ppb	48
10001990	AgraQuant® Peanut	1 – 40 ppm	0.1 ppm	48
10002086	AgraQuant® Pistachio	1 – 40 ppm	0.13 ppm	48
10002064	AgraQuant® Sesame	2 – 30 ppm	0.2 ppm	48
10002015	AgraQuant® Soy	40 – 1000 ppb	16 ppb	48
10002030	AgraQuant® Walnut	2 – 60 ppm	0.35 ppm	48

### Accessory

10002205	AgraQuant® Allergen Swabbing Kit	20
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## LGC Allergen Reference Materials

Item No.	Product	Amount
10006445	LGC - Allergen Kit - Milk, Egg, Almond, Hazelnut and Walnut	25 g per matrix**
10006444	LGC - Almond powder	1 g
10006442	LGC - Egg white powder	1 g
10006440	LGC - Hazelnut powder	1 g
10006443	LGC - Skimmed milk powder	1 g
10006441	LGC - Walnut powder	1 g

\*\* 5 x 5 g of each of the two matrices (blank and incurred) and 1 x 1 g of each individual allergenic material



## AgraStrip® Pro Lateral Flow Devices

Item No.	Product	Cut-off level	No. of Tests
10007055	AgraStrip® Pro Almond	2 ppm	15
10007056	AgraStrip® Pro beta-Lactoglobulin	0.5 ppm	15
10007057	AgraStrip® Pro Brazil nut	5 ppm	15
10007058	AgraStrip® Pro Casein	1 ppm	15
10007059	AgraStrip® Pro Cashew/Pistachio	2 ppm	15
10007060	AgraStrip® Pro Coconut	10 ppm	15
10007061	AgraStrip® Pro Crustacea	2 ppm	15
10007062	AgraStrip® Pro Gluten	4 ppm	15
10007063	AgraStrip® Pro Hazelnut	5 ppm	15
10007064	AgraStrip® Pro Lupin	10 ppm	15
10007065	AgraStrip® Pro Macadamia	2 ppm	15
10007066	AgraStrip® Pro Milk	1 ppm	15
10007067	AgraStrip® Pro Mustard	2 ppm	15
10007068	AgraStrip® Pro Peanut	1 ppm	15
10007069	AgraStrip® Pro Sesame	5 ppm	15
10007070	AgraStrip® Pro Soy	2 ppm	15
10007071	AgraStrip® Pro Walnut	5 ppm	15
10007072	AgraStrip® Pro Whole egg	2 ppm	15
10001995	AgraStrip® Gluten G12® *	5, 10, 20 ppm	10
10002039	AgraStrip® Wine Extraction Buffer (casein)	-	15
10002057	AgraStrip® Wine Extraction Buffer (egg)	-	15



## LFD & ELISA Reader

### Item No. Product

#### AgraVision™ Pro Reader, Equipment & Supplies

10006324	AgraVision™ Pro Reader
10006483	AgraVision™ Pro Printer
10006484	AgraVision™ Pro Scanner
10006165	AgraVision™ Pro Cartridge

The AgraVision™ Pro reader is a lateral flow device (LFD) reader, equipped with an integrated incubator. It is designed to be compatible with AgraStrip® Pro test kits for mycotoxins, GMOs, and allergens. The reader measures the intensity of the test line on AgraStrip® Pro LFDs and boasts the capacity to simultaneously run up to four distinct tests, enhancing efficiency and accuracy.

#### StatFax® ELISA Reader (Awareness Technology, Inc.)

20000602	Stat Fax® 4700 ELISA Reader (405, 450, 492, 630 nm)
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The StatFax® ELISA Reader is a microstrip reader intended for in-vitro diagnostic use. It is a compact, microprocessor-controlled, photometer system designed to read and calculate the results of endpoint colorimetric assays, which are read in microtiter strips. All AgraQuant® ELISA test kits featuring breakaway strips can be read by a Statfax® ELISA Reader.

#### BioTek 800 TS UV Reader (BioTek® Instruments Inc.)

10002740	BioTek® 800TS Reader incl. Gen5 SW (405, 450, 490 and 630 nm)
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The 800 TS is a compact microplate reader that measures in the visible range.

#### ChroMate® ELISA Reader (Awareness Technology, Inc.)

10002699	ChroMate® ELISA Reader
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The ChroMate® ELISA Reader is a compact and economical 8-channel microplate reader, intended for in-vitro diagnostic use. It reads a 96 well plate in 12 seconds and comes with versatile and flexible software. All AgraQuant® ELISA test kits can be read with the ChroMate® ELISA Reader.

**G12® antibody:** The G12® antibody represents the next generation of gluten testing as it targets toxic peptides that trigger auto-immune reactions in people suffering from celiac disease. It is a monoclonal antibody raised against the toxic fragment 33-mer of the gliadin protein present in gluten. Results obtained from immunochemical test systems based on the G12® antibody establish an important link between celiac disease and detection of the immunotoxic peptides.

# Microbiology

Our comprehensive range of microbial testing solutions is designed to empower manufacturers and other participants in the farm-to-fork supply chain to take control of their processes, thereby achieving the highest levels of safety and protecting both consumers and businesses from the damaging consequences of foodborne illnesses. By providing our customers with reliable microbial testing products, and supporting them with exceptional service, we not only help them produce safer food, but also maintain or even extend the shelf life of their products.



## CytoQuant®

The world's first mobile flow cytometer is a game-changer in microbiological monitoring. This cutting-edge device brings unparalleled convenience and accuracy to on-site microbial testing. With its hand-held design, it empowers you to perform on-the-spot analysis at the critical steps of production. Elevate your food safety and quality programs with this groundbreaking innovation, designed to meet the unique needs of the modern food industry.



## RapidChek® Total Protein

Discover our total protein lateral flow device, a practical solution engineered for cleaning monitoring within the food industry. This user-friendly strip offers reliable and swift detection of protein residues, simplifying the task of ensuring optimal cleanliness and hygiene in your food production facilities.



## HygieneChek™ PLUS

Discover our dip-slides, the food industry's trusted tools for hygiene monitoring. Also called contact slides, these convenient and dependable agar-based testing devices simplify the process of assessing microbial contamination, ensuring food safety and quality at every stage.



## RapidChek® Test Kits

Our pathogen test kits are validated for the detection of *Salmonella* species, *Salmonella* Enteritidis, *Salmonella* Serogroups B and C1, *Listeria* species, *Listeria monocytogenes*, *Campylobacter jejuni/coli/lari* and *E. coli* O157 in a variety of food matrices as well as environmental samples. As a qualitative test system, RapidChek® features detection limits as low as 1 cfu/375 g sample.



## AgraQuant® ELISA Tests

Our reliable enzyme-linked immunosorbent assays were optimized for the accurate quantification of histamine in fresh and processed fishery products, guaranteeing safety and ensuring regulatory compliance. Histamine levels increase as fish quality deteriorates, making it a good indicator for insufficient cooling or poor hygiene.



## SurfACE™ Sampling Devices

Our series of sponges, cloths and boot swabs are designed for the sampling of various food production environment surfaces with the purpose of detecting pathogens and other microorganisms. Choosing the right sampling devices is critical to the proper functioning of your environmental monitoring program.

# Process Hygiene



## CytoQuant®

Item No.	Product	Quantity
10006469	Flow Cytometer (incl. CytoQuant® CountCell™)	1 pc
10006471	CountCell™	1 pc
10006468	Swab Vial	72 pcs
10007101	Aqua Vial	72 pcs
10007028	Cleaning Vial	72 pcs
10007081	Deep Cleaning Vial	8 pcs
10007030	Electrolyte Solution	10 pcs
10007108	Case	1 pc



## RapidChek® Total Protein

Item No.	Product	Quantity
10006618	Total Protein Strips	30 pcs
10006621	Spray Bottle	1 pc



## HygieneChek™ PLUS

Item No.	Product	Quantity
10000232	Total Count TTC/Total Count TTC	10 pcs
10000233	Total Count TTC/Coliforms	10 pcs
10000234	Total Count TTC/Enterobacteriaceae	10 pcs
10006523	Total Count TTC/Yeasts & Molds	10 pcs
10003472	Yeasts & Molds/Yeasts & Molds	10 pcs
10003479	Enterobacteriaceae/Enterobacteriaceae	10 pcs
10003480	Coliforms/Coliforms	10 pcs
10003481	Coliforms/Yeasts & Molds	10 pcs
10007110	E.coli/E.coli	10 pcs
10006597	Listeria/Listeria	10 pcs
10006971	Staphylococcus/Staphylococcus	10 pcs
10003485	Salmonella/Salmonella	10 pcs
10003483	Disinfection Control/Disinfection Control	10 pcs
10006598	Lactic Acid Bacteria/Lactic Acid Bacteria	10 pcs
10003821	Thermocult Small-Size Incubator	230 V

TTC – 2,3,5-triphenyltetrazolium chloride

# Pathogens and Toxins



## RapidChek® E. coli <sup>1</sup>

Item No.	Product	Quantity
10001686	RapidChek® E. coli O157 Test Kit with Media Pouches 1x 10001355 RapidChek® E. coli O157 Test Kit (50 Tests) 10x 10001691 RapidChek® E. coli O157 Media Pouch (each sufficient for 1.2 L)	50 tests
10001358	RapidChek® E. coli O157 Test Kit with Media 1x 10001355 RapidChek® E. coli O157 Test Kit (50 Tests) 1x 10001359 RapidChek® E. coli O157 Media (500 g)	50 tests
10001687	RapidChek® E. coli O157 Test Kit Sample Pack with Media	5 tests
10001433	RapidChek® CONFIRM™ non-O157 STEC IMS Beads	100 tests per O-Type
10001731	RapidChek® CONFIRM™ E. coli O157 IMS Beads	100 tests
10001732	RapidChek® CONFIRM™ E. coli O26 IMS Beads	100 tests
10001733	RapidChek® CONFIRM™ E. coli O45 IMS Beads	100 tests
10001727	RapidChek® CONFIRM™ E. coli O103 IMS Beads	100 tests
10001728	RapidChek® CONFIRM™ E. coli O111 IMS Beads	100 tests
10001729	RapidChek® CONFIRM™ E. coli O121 IMS Beads	100 tests
10001730	RapidChek® CONFIRM™ E. coli O145 IMS Beads	100 tests



## RapidChek® Listeria <sup>1</sup>

Item No.	Product	Quantity
<b>Listeria System</b>		
10001364	RapidChek® Listeria Environmental System 2x 10001361 RapidChek® Listeria Test Kit (45 Tests) 1x 10001366 RapidChek® Listeria Media/Supplement (500 g/10 g)	90 tests
10001697	RapidChek® Listeria Environmental Test Kit with Media Pouches 1x 10001361 RapidChek® Listeria Test Kit (45 Tests) 3x 10001701 RapidChek® Listeria Media Pouch (each sufficient for 1.2 L) 3x 10001702 RapidChek® Listeria Supplement Pouch (1.2 L)	45 tests
10001365	RapidChek® Listeria Food System 1x 10001361 RapidChek® Listeria Test Kit (45 Tests) 1x 10001366 RapidChek® Listeria Media/Supplement (500 g/10 g)	45 tests
10001699	RapidChek® Listeria Food Test Kit with Media Pouches 1x 10001361 RapidChek® Listeria Test Kit (45 Tests) 10x 10001701 RapidChek® Listeria Media Pouch (each sufficient for 1.2 L) 10x 10001702 RapidChek® Listeria Supplement Pouch (each sufficient for 1.2 L)	45 tests
10001700	RapidChek® Listeria Food System Sample Pack with Media	5 tests
10001392	RapidChek® Listeria MediaBox™ - only available in US	5 L
10001394	RapidChek® Listeria MediaBox™ - only available in US	10 L
10001395	RapidChek® Listeria MediaBox™ - only available in US	20 L

### Listeria NextDay™ System (Fast Enrichment)

10001718	RapidChek® Listeria NextDay™ Environmental System with Media Pouches 1x 10001361 RapidChek® Listeria Test Kit 10x 10001719 RapidChek® Listeria NextDay™ Media Pouch (each sufficient for 300 ml)	45 tests
10001724	RapidChek® Listeria NextDay™ Food System Sample Pack with Media	5 tests
10001413	RapidChek® Listeria NextDay™ Environmental System 4x 10001361 RapidChek® Listeria Test Kit 1x 10001409 RapidChek® Listeria NextDay™ Media (500 g)	180 tests
10001725	RapidChek® Listeria NextDay™ Envir. System Sample Pack with Media	5 tests
10001420	RapidChek® Listeria NextDay™ Food System 1x 10001361 RapidChek® Listeria Test Kit 1x 10001409 RapidChek® Listeria NextDay™ Media (500 g)	45 tests
10001412	RapidChek® Listeria Test Comb System (without Media)	384 tests
10001415	RapidChek® Listeria NextDay™ MediaBox™ - only available in US	10 L
10001416	RapidChek® Listeria NextDay™ MediaBox™ - only available in US	20 L
10001417	RapidChek® Listeria NextDay™ MediaBox™ - only available in US	5 L
10001464	RapidChek® Listeria NextDay™ PUR-Blue™ DUO Swab Sampler	100 samplers
10001418	RapidChek® Listeria NextDay™ Test Kit + PUR-Blue™ DUO Swab Sampler	5 tests + 5 samplers
10001693	RapidChek® Listeria NextDay™ Test Kit + PUR-Blue™ DUO Swab Sampler	45 tests + 45 samplers

# Pathogens and Toxins

## Listeria monocytogenes System (Listeria NextDay™ Media required)

Item No.	Product	Quantity
10001435	RapidChek® <i>Listeria monocytogenes</i> Test Kit (without Media)	50 tests
10001734	RapidChek® <i>Listeria monocytogenes</i> Sample Pack with Media	5 tests
10001409	RapidChek® <i>Listeria</i> NextDay™ Media	500 g
10001464	RapidChek® <i>Listeria</i> NextDay™ PUR-Blue™ DUO Swab Sampler	100 samplers



## RapidChek® SELECT™ Salmonella 1,2

Item No.	Product	Quantity
10001378	RapidChek® SELECT™ <i>Salmonella</i> Food System 2x 10001379 RapidChek® SELECT™ <i>Salmonella</i> Test Kit (50 Tests) 1x 10001384 RapidChek® SELECT™ <i>Salm.</i> Prim./Sec. Media/Supplement (500 g/10 g/250 mL)	100 tests
10001707	RapidChek® SELECT™ <i>Salmonella</i> Food System Sample Pack with Media	5 tests
10001708	RapidChek® SELECT™ <i>Salmonella</i> Test Kit with Media Pouches 1x 10001379 RapidChek® SELECT™ <i>Salmonella</i> Test Kit (50 Tests) 10x 10001709 RapidChek® SELECT™ <i>Salmonella</i> Primary Media Pouch (each sufficient for 1.2 L) 4x 10001710 RapidChek® SELECT™ <i>Salmonella</i> Secondary Media Pouch (each sufficient for 13 mL) 10x 10001711 RapidChek® SELECT™ <i>Salmonella</i> Supplement (10 mL sufficient for 1.2 L primary media)	50 tests
10001383	RapidChek® SELECT™ <i>Salmonella</i> Carcass Rinse System 10001379 RapidChek® SELECT™ <i>Salmonella</i> Test Kit (50 Tests) 1x RapidChek® SELECT™ <i>Salmonella</i> Prim./Sec. Media/Supplement (500 g/40 g/250 mL)	400 tests
10001386	RapidChek® SELECT™ <i>Salmonella</i> Environmental System 8x 10001379 RapidChek® SELECT™ <i>Salmonella</i> Test Kit (50 Tests) 1x RapidChek® SELECT™ <i>Salmonella</i> Prim./Sec. Media/Supplement (500 g/30 g/250 mL)	400 tests



## RapidChek® SELECT™ Salmonella Serogrouping 1,3

Item No.	Product	Quantity
10001714	RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Test Kit with Media Pouches 1x 10001396 RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Test Kit 5x 10001709 RapidChek® SELECT™ <i>Salmonella</i> Primary Media Pouch (each sufficient for 1.2 L) 2x 10001710 RapidChek® SELECT™ <i>Salmonella</i> Secondary Media Pouch (each sufficient for 13 mL) 5x 10001711 RapidChek® SELECT™ <i>Salmonella</i> Supplement (10 mL sufficient for 1.2 L primary media)	50 tests
10001715	RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Food Sample Pack with Media	5 tests
10001398	RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Environmental Swab System 5x 10001396 RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Test Kit (50 tests) 1x RapidChek® SELECT™ <i>Salm.</i> Prim./Sec. Media/Supplement (500 g/40 g/250 mL)	250 tests
10001399	RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Egg Test System 5x 10001396 RapidChek® SELECT™ <i>Salmonella</i> Enteritidis Test Kit (50 tests) 2x 7000196 RapidChek® SELECT™ <i>Salm.</i> Prim./Sec. Media/Supplement (500 g/10 g/250 mL)	250 tests
10001400	RapidChek® CONFIRM™ <i>Salmonella</i> Enteritidis IMS Beads	100 tests
10001419	RapidChek® SELECT™ <i>Salmonella</i> Group B Test Kit (without media)	50 tests
10006488	RapidChek® SELECT™ <i>Salmonella</i> Group C1 Test Kit (without media)	50 tests



## RapidChek® Campylobacter 1

Item No.	Product	Quantity
10005433	RapidChek® <i>Campylobacter</i> Test Kit (without media)	50 tests
10006043	RapidChek® <i>Campylobacter</i> Media	500 g

High-volume packaging is available for all RapidChek® kits.

# Pathogens and Toxins



## Consumables for RapidChek® Pathogen Screening

Item No.	Product	Quantity
10002288	Stomacher bags with filter, 55 oz. (1627 mL)	Pack of 100 bags
10002291	Stomacher bags with filter, 609 oz. (18 L)	Pack of 100 bags



## RapidChek® Pathogen Screening Equipment

Item No.	Product
10002660	Test tube rack for 12 mm tubes, 72 positions
10002661	Test tube rack for 15 mm tubes, 72 positions
10002667	Stomacher bag rack, 10 position
10002735	Cluster tube rack, 96 positions (suitable for 10001728)
10001402	Magnetic rack, rack to be used for wash steps of isolation protocol for RapidChek® CONFIRM™
10002556	Heat block, insert for 12 tubes (required for 10002570)
10002558	Heat block, insert for 24 tubes (required for 10002572)
10002728	Heat block, insert for 48 cluster tubes/rack (required for 10002572 & 10002566)
10002581	Balance, 400 g x 0.1 g, 110 V
10002570	Dry bath, heat block ( <i>Listeria</i> boil step) 110 V
10002566	Dry bath, heat block ( <i>Listeria</i> boil step) 220 V
10002572	Dry bath, double heat block ( <i>Listeria</i> boil step for combs) 110 V
10002619	Stir plate 110 V



## HygieneChek™ PLUS

Item No.	Product	Quantity
10003485	<i>Salmonella</i> / <i>Salmonella</i>	10 pcs
10006597	<i>Listeria</i> / <i>Listeria</i>	10 pcs
10006971	<i>Staphylococcus</i> / <i>Staphylococcus</i>	10 pcs
10003821	Thermocult Small-Size Incubator	230 V



## AgraQuant® ELISA Tests

Item No.	Product	Quantitation Range	Limit of Detection	No. of Wells
10002017	AgraQuant® Histamine	0.5 – 50 ppb	0.15 ppb	96
10002018	AgraQuant® Histamine Rapid	3 – 300 ppm	1 ppm	48

# Microbial Sampling



## SurFACE™ Food Processing

Item No.	Product	Quantity
10006950	Sponge-Stick* with Buffered Peptone Water, in Twirl-Tie™ Bag	100
10006872	Sponge-Stick* with Neutralizing Buffer, in Twirl-Tie™ Bag	100
10006870	Sponge-Stick* with Dey-Engley Neutralizing Broth, in Twirl-Tie™ Bag	100
10005425	Sponge-Stick* with Lethen Broth, in Twirl-Tie™ Bag	100
10004593	Sponge-Stick* with Saline (0.9% NaCl), in Twirl-Tie™ Bag	100
10006952	Sponge-Stick*, Dry, in Twirl-Tie™ Bag	100
10004594	Sponge with Buffered Peptone Water, in Twirl-Tie™ Bag	200
10006871	Sponge with Neutralizing Buffer, in Twirl-Tie™ Bag	200
10006951	Sponge with Dey-Engley Neutralizing Broth, in Twirl-Tie™ Bag	200
10006955	Sponge with Lethen Broth, in Twirl-Tie™ Bag	200
10005426	Sponge with Saline (0.9% NaCl), in Twirl-Tie™ Bag	200
10006301	Sponge, Dry, in Twirl-Tie™ Bag	250
10004592	Sponge with Lethen Broth, in Vial	98
10007109	Fabric Swab with Buffered Peptone Water, in Twirl-Tie™ Bag	200
10006188	Fabric Swab with Neutralizing Buffer, in Twirl-Tie™ Bag	200
10004589	Fabric Swab with Maximum Recovery Diluent, in Twirl-Tie™ Bag	200
10006534	Fabric Swab, Dry, in Twirl-Tie™ Bag	200

\* Patent No: US D996,760 S



## SurFACE™ Primary Production

Item No.	Product	Quantity
10001911	Boot-Cover Swabs with Buffered Peptone Water, in Twirl-Tie™ Bag, Pair	100
10001913	Boot-Cover Swabs with Buffered Peptone Water, in Twirl-Tie™ Bag, 2 Pairs	100
10001914	Boot-Cover Swabs with Buffered Peptone Water, in Twirl-Tie™ Bag, 2 + 3 Pairs	50
10007109	Fabric Swab with Buffered Peptone Water, in Twirl-Tie™ Bag	200
10006188	Fabric Swab with Neutralizing Buffer, in Twirl-Tie™ Bag	200
10004589	Fabric Swab with Maximum Recovery Diluent, in Twirl-Tie™ Bag	200
10006534	Fabric Swab, Dry, in Twirl-Tie™ Bag	200

## Sampling Devices for Food Processing Areas <sup>1</sup>

Item No.	Product	Quantity
10003696	Sponge-Stick with Butterfield's Phosphate Buffer, in Foil, with Twirl-Tie™ Bag	100
10003697	Sponge-Stick with Buffered Peptone Water, in Foil, with Twirl-Tie™ Bag	100
10003701	Sponge-Stick with Neutralizing Buffered Peptone Water, in Foil, with Twirl-Tie™ Bag	100
10003700	Sponge-Stick with Neutralizing Buffer, in Foil, with Twirl-Tie™ Bag	100
10003698	Sponge-Stick with Dey-Engley Neutralizing Broth, in Foil, with Twirl-Tie™ Bag	100
10003699	Sponge-Stick with Lethen Broth, in Foil, with Twirl-Tie™ Bag	100
10004555	Sponge-Stick with Skim Milk, in Foil, with Twirl-Tie™ Bag	100
10001897	Sponge with Butterfield's Phosphate Buffer, in Foil, with Twirl-Tie™ Bag	100
10001898	Sponge with Buffered Peptone Water, in Foil, with Twirl-Tie™ Bag	100
10001902	Sponge with Neutralizing Buffered Peptone Water, in Foil, with Twirl-Tie™ Bag	100
10001901	Sponge with Neutralizing Buffer, in Foil, with Twirl-Tie™ Bag	100
10001899	Sponge with Dey-Engley Neutralizing Broth, in Foil, with Twirl-Tie™ Bag	100
10001900	Sponge with Lethen Broth, in Foil, with Twirl-Tie™ Bag	100
10002380	Sponge with Skim Milk, in Foil, with Twirl-Tie™ Bag	100
10001891	Sponge with Butterfield's Phosphate Buffer, in Foil, with Twirl-Tie™ Bag and Gloves	50
10001892	Sponge with Buffered Peptone Water, in Foil, with Twirl-Tie™ Bag and Gloves	50
10001896	Sponge with Neutralizing Buffered Peptone Water, in Foil, with Twirl-Tie™ Bag and Gloves	50
10001895	Sponge with Neutralizing Buffer, in Foil, with Twirl-Tie™ Bag and Gloves	50
10001893	Sponge with Dey-Engley Neutralizing Broth, in Foil, with Twirl-Tie™ Bag and Gloves	50
10001894	Sponge with Lethen Broth, in Foil, with Twirl-Tie™ Bag and Gloves	50
10001825	Sponge with Neutralizing Buffer, in Foil, with Twirl-Tie™ Bag and Gloves	10

# Microbial Sampling

## Sampling Devices for Primary Production Areas <sup>1</sup>

Item No.	Product	Quantity
10001904	Boot-Cover Swab with Buffered Peptone Water, Single	100
10001907	Boot-Cover Swabs with Buffered Peptone Water, Pair	100
10001906	Boot-Cover Swab with Skim Milk, Single	100
10001910	Boot-Cover Swabs with Skim Milk, Pair	100
10001905	Boot-Cover Swab, Dry, Single	100
10001908	Boot-Cover Swabs, Dry, Pair	100
10002371	Cotton Gauze Drag Swab with Skim Milk, in Foil, with Twirl-Tie™ Bag and Gloves	100
10002375	Cotton Gauze Drag Swab with Skim Milk, in Foil, with Twirl-Tie™ Bag	100
10002372	Cotton Gauze Drag Swab, Dry, in Foil, with Twirl-Tie™ Bag	100
10002378	Cotton Gauze Drag Swab with Skim Milk, in Vial	100
10002373	Cotton Gauze Sponge with Skim Milk, in Foil, with Twirl-Tie™ Bag	100
10002374	Cotton Gauze Sponges with Skim Milk, Set of 3, in Foil, with Twirl-Tie™ Bag	100
10002376	Cotton Gauze Sponges with Buffered Peptone Water, Set of 4, in Foil, with Twirl-Tie™ Bag	100

## Miscellaneous Sampling Devices and Materials

Item No.	Product	Quantity
10001826	Carcass Sampling Kit with Butterfield's Phosphate Buffer	10
10001827	Carcass Sampling Kit with Buffered Peptone Water	10
10003780	Sterile Sampling Template, 100 cm <sup>2</sup>	100
10003786	Sterile Sampling Template, 50 cm <sup>2</sup>	100
10001883	Twirl-Tie™ Sterile Sample Bag, 18 oz. (0.5 L), with Wire Closure	100
10001884	Twirl-Tie™ Sterile Sample Bag, 24 oz. (0.7 L), with Wire Closure	100
10001917	Sterile Plastic Overboots, Pair	50
20000603	Sterile Gloves, Size XL, Pair	50

# GMO

Romer Labs offers lateral flow devices and ELISA tests to determine the presence of proteins expressed in genetically modified crops. Our systems can detect the most common commercialized GM events in both seeds and plant tissue material such as leaves.



## AgraStrip® Pro Bulk Grain Lateral Flow Devices

The AgraStrip® Pro GMO test system enables the rapid and simple on-site quantification of GMOs in corn, soy and canola. The AgraVision™ Pro reader streamlines the entire assay, reducing steps to a bare minimum while setting new standards in accuracy and usability.



## AgraStrip® Comb Lateral Flow Devices

The AgraStrip® Comb Bulk Grain strip test is a ready-to-use lateral flow device (LFD) for on-site testing that detects several proteins expressed in GM crops simultaneously in a qualitative format.



## AgraStrip® Bulk Grain Lateral Flow Devices

The AgraStrip® Bulk Grain strip test is a ready-to-use lateral flow device (LFD) for on-site testing that detects the protein expressed in GM crops in bulk grain.



## AgraQuant® ELISA Tests GMOChek™

The AgraQuant® GMOChek™ test is an enzyme-linked immunosorbent assay (ELISA) that detects the protein expressed by several different GM crops in bulk grain in a quantitative format.



## AgraStrip® Seed & Leaf Lateral Flow Devices

The AgraStrip® Seed & Leaf strip test is a ready-to-use lateral flow device (LFD) for on-site testing that detects the protein expressed in GM seed and leaf.



## AgraQuant® ELISA Tests SeedChek™

The AgraQuant® SeedChek™ test is an enzyme-linked immunosorbent assay (ELISA) that detects the protein expressed by several different GM crops in a qualitative format.



### AgraStrip® Pro Lateral Flow Devices

Item No.	Product	Trait	Range	Commodity	No. of Tests
<b>Quantitative TraitChek™ for AgraVision™ Pro Reader</b>					
10006555	AgraStrip® Pro LL Bulk Grain	PAT	depends on the trait	corn, canola and soy	50
10006554	AgraStrip® Pro RUR Bulk Grain*	CP4 EPSPS	0.1 to 5.0 %	soy	50
10006553	AgraStrip® Pro RUR-HS Bulk Grain	CP4 EPSPS	0.1 to 5.0 %	corn, canola and soy *	50

\*High-sensitive method available



### AgraVision™ Pro Reader, Equipment & Supplies

Item No.	Product
10006324	AgraVision™ Pro Reader
10006483	AgraVision™ Pro Printer
10006484	AgraVision™ Pro Scanner
10006165	AgraVision™ Pro Cartridge

The AgraVision™ Pro reader is a lateral flow device (LFD) reader, equipped with an integrated incubator. It is designed to be compatible with AgraStrip® Pro test kits for mycotoxins, GMOs, and allergens. The reader measures the intensity of the test line on AgraStrip® Pro LFDs and boasts the capacity to simultaneously run up to four distinct tests, enhancing efficiency and accuracy.



### AgraStrip® Lateral Flow Devices

Item No.	Product	Trait	Range	Commodity	No. of Tests
<b>Quantitative TraitChek™ for AgraVision™ Reader</b>					
10001311	AgraStrip® RUR-HS Bulk Grain	CP4 EPSPS	0.1 to 5.0 %	corn, canola and soy	100
10001312	AgraStrip® RUR Bulk Grain	CP4 EPSPS	0.1 to 5.0 %	soy	100
10001322	AgraStrip® Cry3Bb Bulk Grain	Bt-Cry3Bb	0.25 to 5.0 %	corn	100
10001324	AgraStrip® LL Bulk Grain	PAT	0.5 to 5.0 %	corn, canola and soy	100
10001329	AgraStrip® Cry1F Bulk Grain (water extract)	Bt-Cry1F	0.25 to 5.0 %	corn	100
10001331	AgraStrip® Cry34Ab1 Bulk Grain	Bt-Cry34Ab1	0.25 to 5.0 %	corn	100
10001335	AgraStrip® Cry1Ac Bulk Grain	Bt-Cry1Ac	0.1 to 5.0 %	corn	100
10001336	AgraStrip® DMO Bulk Grain	DMO	0.1 to 5.0 %	soy	100
10001342	AgraStrip® Vip Bulk Grain	Vip3A	0.1 to 5.0 %	corn	100
10001346	AgraStrip® Cry1Ac-S Bulk Grain	Bt-Cry1Ac	0.1 to 5.0 %	soy	100
10001491	AgraStrip® quantitative low-LOD Corn comb	CP4 EPSPS, PAT, Vip 3A, Bt-Cry1Ac, Bt-Cry3Bb, Bt-Cry1F, Bt-Cry34Ab1	depends on the trait	corn	20
10001492	AgraStrip® quantitative 4 Strip Corn Comb	CP4 EPSPS, PAT, Vip 3A, Bt-Cry1A, Bt-Cry3Bb, Bt-Cry1F, Bt-Cry34Ab1	depends on the trait	corn	20
10001493	AgraStrip® quantitative Soy comb	CP4 EPSPS, PAT	depends on the trait	soy	20

### Qualitative TraitChek™

Item No.	Product	Trait	LOD	No. of Tests
10001311	AgraStrip® RUR-HS Bulk Grain	CP4 EPSPS	0.125 % in corn 0.1 % in canola 0.167 % in alfalfa	100
10001312	AgraStrip® RUR Bulk Grain	CP4 EPSPS	0.1 % in soy and sugarbeets in 5 min; 0.143 % in soy in 3 min	100
10001313	AgraStrip® RUR Seed and Leaf	CP4 EPSPS	qualitative	100
10001314	AgraStrip® Cry1F/Cry34Ab Bulk Grain	Bt-Cry1F, Bt-Cry34Ab	0.5 % in corn	100
10001315	AgraStrip® CspB Bulk Seed	CspB	0.9 % in corn	100
10001316	AgraStrip® CspB Seed and Leaf	CspB	qualitative	100
10001317	AgraStrip® Cry1Ab Bulk Grain	Bt-Cry1Ab	0.9 % in corn	100
10001318	AgraStrip® Cry1Ab Seed and Leaf	Bt-Cry1Ab	qualitative	100
10001319	AgraStrip® Cry1F Seed and Leaf	Bt-Cry1F	qualitative	100
10001322	AgraStrip® Cry3Bb Bulk Grain	Bt-Cry3Bb	0.125 % in corn	100
10001323	AgraStrip® Cry3Bb Seed and Leaf	Bt-Cry3Bb	qualitative	100
10001324	AgraStrip® LL Bulk Grain	PAT	0.9 % in corn and sugarbeet, 2 % in canola 0.5 % in soy	100
10001325	AgraStrip® Cry1Ab/LL Bulk Grain Combo	Bt-Cry1Ab, PAT	0.9 % in corn	100
10001326	AgraStrip® LL Seed and Leaf	PAT	qualitative	100
10001327	AgraStrip® LL Bulk Grain for Rice	PAT	0.05 % in LLRice62 2 % in LLRice61	100
10001329	AgraStrip® Cry1F Bulk Grain (water extract)	Bt-Cry1F	0.9 % in corn	100
10001330	AgraStrip® Triple Trait Seed and Leaf	CP4 EPSPS, Bt-Cry1Ab, Bt-Cry1Ac, Bt-Cry1A105, Bt-Cry3Bb	qualitative	100
10001331	AgraStrip® Cry34Ab1 Bulk Grain	Bt-Cry34Ab1	0.125 % in corn	100
10001332	AgraStrip® PMI Seed and Leaf	PMI	qualitative	100
10001333	AgraStrip® PMI Bulk Grain	PMI	0.5 % in corn	100
10001334	AgraStrip® Cry1Ac Seed and Leaf	Cry1Ac	qualitative	100
10001335	AgraStrip® Cry1Ac Bulk Grain	Cry1Ac	0.9 % in cotton	100
10001336	AgraStrip® DMO Bulk Grain	DMO	0.1 % in soy and cotton	100
10001337	AgraStrip® DMO Seed and Leaf	DMO	qualitative	100
10001338	AgraStrip® Cry2Ab Bulk Grain	Bt-Cry2Ab	0.9 % in corn, 0.13 % in cotton	100
10001339	AgraStrip® EPSPS Bulk Grain	mEPSPS	0.9 % in corn	100
10001340	AgraStrip® EPSPS Seed and Leaf	mEPSPS	qualitative	100
10001341	AgraStrip® Vip Seed and Leaf	Vip3A	qualitative	100
10001342	AgraStrip® Vip Bulk Grain	Vip3A	0.33 % in corn	100
10001343	AgraStrip® Cry2Ab Seed and Leaf	Bt-Cry2Ab	qualitative	100
10001344	AgraStrip® eCry3.1Ab Bulk Grain	eCry3.1Ab	0.25 % in corn	100
10001345	AgraStrip® eCry3.1Ab Seed and Leaf	eCry3.1Ab	qualitative	100
10001346	AgraStrip® Cry1Ac-S Bulk Grain	Cry1Ac	depends on method	100
10001462	AgraStrip® RUR Toasted Meal	CP4 EPSPS	0.9 % in toasted soy	100
10001487	AgraStrip® Triple Trait Bulk Grain	CP4 EPSPS, Bt-Cry1Ab, Bt-Cry1Ac, Bt-Cry1A105, Bt-Cry3Bb	0.1 % in corn 0.5 % in corn 0.5 % in corn	100
10001490	AgraStrip® Corn Comb w/VIP3A	CP4 EPSPS, PAT, Bt-Cry1Ab, Bt-Cry1Ac, Bt-Cry1A105, Bt-Cry3Bb, Bt-Cry1F, Bt-Cry34Ab1, VIP3A	depends on the trait	20
10001493	AgraStrip® Soy Comb 2 Traits	CP4 EPSPS, PAT	depends on the trait	20
10006121	AgraStrip® Cottonseed Screening Comb Bulk Grain	CP4 EPSPS, Bt-Cry1Ab, Bt-Cry1Ac, Bt-Cry1A105, PAT	depends on the trait	20
10006122	AgraStrip® Corn Screening Comb Bulk Grain	CP4 EPSPS, Bt-Cry1Ab, Bt-Cry1Ac, Bt-Cry1A105, PAT, PMI	depends on the trait	20





## AgraQuant® ELISA Tests

Item No.	Product	Trait	Range	No. of Wells
<b>GMOChek™</b>				
10001453	AgraQuant® Soya Toasted Meal GMOChek™	CP4 EPSPS	0.3 – 2.5 %	96
10001454	AgraQuant® RUR Soya Grain GMOChek™	CP4 EPSPS	0.3 – 2.5 %	96
10001459	AgraQuant® Cry1Ab Maize GMOChek™	Bt-Cry1Ab	0.15 – 2.0 %	96
<b>SeedChek™</b>				
10001446	AgraQuant® Cry1F SeedChek™	Bt-Cry1F	n/a	96
10001447	AgraQuant® EPSPS SeedChek™	mEPSPS	n/a	96
10001448	AgraQuant® Vip3A SeedChek™	Vip3A	n/a	96
10001449	AgraQuant® PMI Plate SeedChek™	PMI	n/a	96
10001458	AgraQuant® RUR SeedChek™ Soy	CP4 EPSPS	n/a	96
10001463	AgraQuant® DAS Cry1Ac SeedChek™	Bt-Cry1Ac	n/a	96
<b>Standards</b>				
10001455	RUR Soya Standards - Full Fat Flour (for flour, meal and grit)			
10001456	RUR Soya Standards - Defatted Flour			
10001457	RUR Soya Standards - Protein Isolate			

# Residues & Contaminants

We provide reference materials for residues and rapid, cost-effective LFDs for meat and bone meal.



## **AgraStrip® FeedChek™** Meat and Bone Meal

The AgraStrip® FeedChek™ test kit for the detection of meat and bone meal (MBM) is designed to detect the presence of MBM in animal feedstuffs (e.g. raw materials, finished feeds).



## **Biopure™ VDR Reference Materials**

Biopure™ calibrants are high quality reference materials characterized by independent methods and accompanied by a certificate of analysis created in accordance with ISO Guide 31 and Eurachem guidelines.

## Residues



### Biopure™ VDR Reference Materials

Item No.	Product	Amount
<b>Calibrant Solutions</b>		
10001831	Atropine (100 µg/mL) dried down	1 mL
10001833	Scopolamine Hydrochlorid (100 µg/mL) dried down	1 mL
10001834	Hyoscyamine (100 µg/mL) dried down	1 mL
10001839	Tetracycline (2.5 µg/mL) dried down	5 x 1 mL

### Stable Isotope Labeled Calibrants

10001837	U-[ <sup>13</sup> C <sub>17</sub> ]-Griseofulvin (25 µg/mL) in acetonitrile/water	1.2 mL
10001840	U-[ <sup>13</sup> C <sub>22</sub> , <sup>15</sup> N <sub>2</sub> ]-Tetracycline (2.5 µg/mL) dried down	5 x 1mL
10001841	U-[ <sup>13</sup> C <sub>22</sub> , <sup>15</sup> N <sub>2</sub> ]-Oxytetracycline (2.5 µg/mL) dried down	5 x 1mL
10001920	U-[ <sup>13</sup> C <sub>3</sub> ]-Melamine (100 µg/mL) in acetonitrile/water	1.2 mL

## Contaminants



### AgraStrip® FeedChek™ Meat and Bone Meal

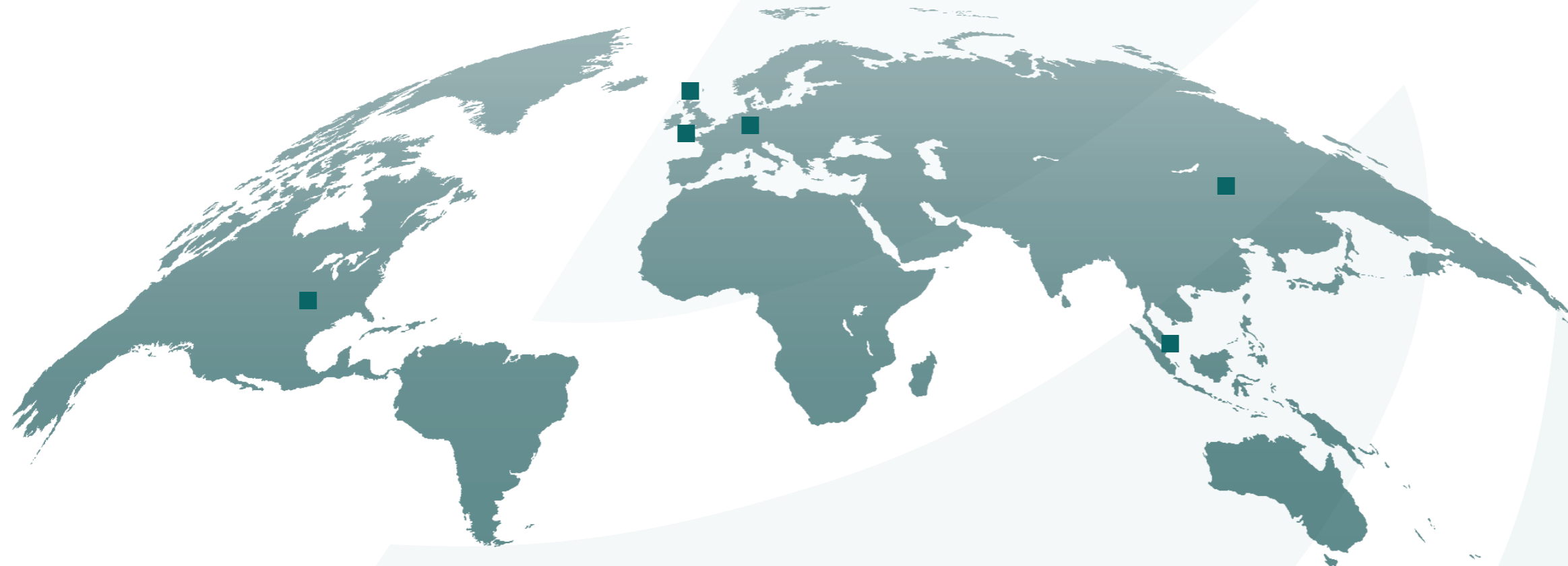
Item No.	Product	Quantity
10001388	AgraStrip® FeedChek™ Test Kit	20 tests
10001389	FeedChek™ Sample Buffer	600 mL
10001390	AgraStrip® FeedChek™ Test Strips	20 tests

# Analytical Service

Our ISO 9001-certified and ISO 17025-accredited analytical services laboratories extend the capabilities of your own lab with cutting-edge technology in chromatography, DNA and immunological analysis.

Located in Austria, the United Kingdom, Singapore, China and the United States, our service labs provide precise and quick results for the analysis of mycotoxins, food allergens, GMOs and meat speciation. We uphold our standards of accuracy and reliability by participating regularly in official proficiency testing programs.

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# Analytical Service



## Analytical Service

Romer Labs offers analytical services in its laboratories in Austria, Singapore, the United States, the United Kingdom and China. The following is a list of parameters and their availability in the respective labs. All five Romer Labs analytical service laboratories are accredited according to ISO 17025 and certified according to ISO 9001. The scope of accreditation is available on request.

Analyte	Austria	Singapore	USA	UK	China
<b>Mycotoxins</b>					
Multi-Mycotoxin Analysis using LC-MS/MS	x	x	x		x
Multi-Mycotoxin Analysis 50+	x	x	x		x
3-Acetyl-Deoxynivalenol	x	x	x		x
15-Acetyl-Deoxynivalenol	x	x	x		x
Aflatoxin B1, B2, G1, G2	x	x	x		x
Aflatoxin M1	x	x	x		x
Citrinin		x**	x		x
Cyclopiazonic Acid		x**	x		x
Diacetoxyscirpenol	x	x	x		x
Deoxynivalenol	x	x	x		x
Fumonisin B1, B2, B3	x	x	x		x
Fusarenon X	x	x	x		x
HT-2 Toxin	x	x	x		x
Moniliformin	x	x	x		x
Neosolaniol	x	x	x		x
Nivalenol	x	x	x		x
Ochratoxin A	x	x	x		x
Patulin	x	x	x		x
Sterigmatocystin	x	x	x		x
T-2 Toxin	x	x	x		x
Zearalenone	x	x	x		x
Ergot Alkaloids	x	x			
(Ergocornine, Ergocorninine, Ergocristine, Ergocristinine, Ergocryptine, Ergocryptinine, Ergometrine, Ergometrinine*, Ergosine, Ergosinine*, Ergotamine, Ergotaminine)					
Alternaria Toxins	x				
(Altenuene, Alvertoxin I, Alternariol, Alternariolmethylether, Tentoxin)					
<b>Contaminants</b>					
Ammelide		x**	x		
Ammeline		x**	x		
Cyanuric Acid		x**	x		
Melamine		x**	x		
<b>Food Allergens</b>					
Almonds	x	x	x	x	x
β-Lactoglobulin	x	x	x	x	x
Brazil Nut		x	x		x
Casein	x	x	x	x	x
Cashew	x	x	x	x	x
Celery		x		x	x
Coconut		x	x		x
Crustacea	x	x	x	x	x
Egg	x	x	x	x	x
Egg White	x	x	x	x	x
Fish	x	x	x	x	x
Gluten	x	x	x	x	x
Hazelnut	x	x	x	x	x
Lupin	x	x	x	x	x
Lysozyme		x	x		
Macadamia	x	x	x	x	x
Milk	x	x	x	x	x
Mollusk		x	x	x	
Mustard	x	x	x	x	x
Oat		x			x
Ovalbumin		x	x		

# Analytical Service



## Analytical Service

Analyte	Austria	Singapore	USA	UK	China
<b>Food Allergens</b>					
Peanut	x	x	x	x	x
Pecan		x	x	x	x
Pine Nut		x	x		
Pistachio	x	x	x	x	x
Sesame	x	x	x	x	x
Soy	x	x	x	x	x
Walnut	x	x	x	x	x
<b>Sugar determination</b>					
Lactose	x	x		x	x
<b>GMO</b>					
Qualitative GMO screening (35S-promoter and nos-terminator)		x		x	
GMO analysis in corn		x	x	x	
GMO analysis in soy		x	x	x	
Qualitative corn events		x		x	
<b>Speciation</b>					
Chicken				x	
Cow				x	
Fish Species				x	
Goat				x	
Horse				x	
Pig				x	
Rabbit				x	
Sheep				x	
Turkey				x	

For further details, please contact your Romer Labs representative or the respective lab.

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