

Allergens

Product overview



Allergen analysis of food and surfaces with sensitive test kits

Even small traces of allergenic proteins in food can provoke allergic reactions in sensitive people. Therefore monitoring of cross-contamination in raw material and production lines as well as correct labeling of food products are an important part of quality control in the food industry.

Surface and hygiene control

Clean and controlled allergen production conditions are a prerequisite for allergen-free food products. Therefore swabs within production sites should be carried out regularly with Test strips from bioavid or RIDA®QUICK. No lab equipment is required and results from these rapid tests are available within 5 - 10 minutes.

Product testing

For food testing different analytical methods exist: ELISA, LFD and PCR. While an ELISA and LFD detect proteins; PCR detects DNA. These methods are complementary and can be used for confirmation of screening results. The unique multiplex real-time PCR allows the detection of 3 parameters plus internal amplification control in one run.



bioavid/RIDA® QUICK

- On-site testing (swab test, food)
- Simple
- No lab equipment required
- Rapid yes/no decision
- Food after validation



RIDASCREEN® ELISA

- Quantitative results using certified calibration material (e.g. NIST CRM)
- Simple sample preparation (20 min) and test procedure (3 x 10 min)
- Possibility of using automates (ThunderBolt®, GEMINI)
- Evaluation with the software RIDASOFT® Win.NET



SureFood® PCR

- Robust, stable target molecule (DNA) in highly processed food samples
- Highly specific assay with minimum tendency to cross-reactions
- One sample preparation using SureFood® PREP Advanced (S1053) for all parameters in 90 minutes
- Customized solutions
- Standardized handling and test procedure (1 - 2 hours)



Allergens

Gliadin / Gluten

Product	Description	No. of tests/amount	Art. No.
ELISA microtiter plates			
RIDASCREEN® Gliadin AOAC-OMA 2012.01 “Final Action” AOAC-RI 120601 AACCI 38-50.01 Codex Alimentarius Method (Type I) ICC	Official R5 Mendez method: Sandwich ELISA to quantify prolamines from wheat, rye and barley in e.g. food declared as gluten-free; sample extraction with R7006 or R7016 (not contained in the kit); the kit is suitable for automation; Detection limit: 0.5 mg/kg gliadin or 1.0 mg/kg gluten	96 determinations Incubation time: 1 hr 30 min	R7001
RIDASCREEN®FAST Gliadin	R5 sandwich ELISA to quantify prolamines from wheat, rye, barley in e.g. food declared as gluten-free; sample extraction with R7006 or R7016 (not contained in the kit); Detection limit: 0.5 mg/kg gliadin or 1.0 mg/kg gluten	48 determination Incubation time: 30 min	R7002
RIDASCREEN® Gliadin competitive (2 nd generation) AACCI 38-55.01 AOAC-OMA 2105.05	R5 competitive ELISA to quantify potential toxic peptide sequences of prolamines from wheat, rye and barley in fermented and hydrolyzed food (e.g. beer, starch, starch syrup, malt extracts); sample preparation with an ethanolic solution; the standard material is a hydrolyzate (mixture of wheat, rye and barley); the results can be related to the limit values of the Codex Alimentarius Detection limit: 2.3 mg/kg gliadin or 4.6 mg/kg gluten	96 determinations Incubation time: 40 min	R7021
ELISA – accessories			
Cocktail (patented)	Developed by Prof. Mendez; officially recommended extraction buffer for all processed e.g. heat treated food samples in conjunction with R7001, R7002, R7003, R7004	105 ml	R7006
Cocktail (patented)	Corresponding to R7006 but larger bottle size	1000 ml	R7016
RIDA® Extraction Solution (colorless)	Alternative to the Cocktail (patented) (use only after extraction comparison with Cocktail): The extraction is faster (35 min compared to 1 h 50 min with the cocktail); it is used in conjunction with R7001, R7002, R7003 and R7004	105 ml	R7098
Set of 3 processed Gliadin Assay Controls	Three assay controls: 3 positive homogenized processed snack samples for the determination with sandwich ELISA; produced by Trilogy® Analytical Laboratories	3 x 1.5 g	R7012
Lateral flow test strips			
RIDA®QUICK Gliadin AOAC-OMA 2015.16 AACCI	The immunochromatographic test is based on the R5 antibody and detects prolamines from wheat, rye and barley; the Test strips can be used directly for swabs on surfaces or for analysis of e.g. gluten-free raw materials Detection limit: 1-2 µg gliadin/100 cm ² on surfaces, 2.2 mg/kg gliadin in raw materials, 3.1 mg/kg gliadin in processed food	25 Test strips in reclosable tube, 25 plastic pipettes, sample diluent (ready-to-use), 30 vials Incubation time: 5 min	R7003
RIDA®QUICK Gliadin (single packaged)	Corresponding to 7003, Test strips are single packaged and no plastic pipettes are included	25 Test strips single packed, sample diluent (ready-to-use), 30 vials Incubation time: 5 min	R7004
RIDA®QUICK Gliadin (ready to swab)	Corresponding to R7003, Test strips are single packaged, prefilled vials with ready-to-use sample buffer are included	25 Test strips single packed, 25 prefilled vials with ready-to-use buffer	R7005



Allergens

Gluten

Product	Description	No. of tests/amount	Art. No.
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Gluten	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3106
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Gluten	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3206

Soy

ELISA microtiter plates			
RIDASCREEN®FAST Soya	Sandwich ELISA to quantify traces of soy protein in native and processed food; the kit is suitable for automation; Detection limit: 0.24 mg/kg, the kit is suitable for automation	48 determinations Incubation time: 30 min	R7102
ELISA – accessories			
Set of 3 processed Soya Assay Controls	Three assay controls: 1 negative, 2 positive homogenized processed cookies; produced by Trilogy® Analytical Laboratories	3 x 2 g	R7132
Lateral flow test strips			
RIDA®QUICK Soya	Immunochromatographic test for the determination of soya on surfaces, also strongly heated soya samples were detected. It is recommended to use RIDA®QUICK Soya accessory pack (Z7103) for sample preparation. Detection limit: approx. 0.5 µg soya protein/100 cm ²	25 dip sticks in reclosable tube, Conjugate, Extraction buffer, 30 Plastic tubes, 25 Tubes, 26 Swabs, 50 pipette tips Incubation time: 16 min	R7103
RIDA®QUICK Soya			
RIDA®QUICK Soya accessory pack	Accessories for the use of the RIDA®QUICK Soya	Test tube holder, floating rack, pipette	Z7103
RIDA®QUICK Soya Extraction buffer	The buffer is used for food sample preparation	2 x 100 ml	R7113
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Soya	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3101
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Soya	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3201

* Includes additional 100 reactions of Inhibition Control Mix (ICM).

** SureFood® QUANTARD Allergen 40 must be used for quantification.



Allergens



Milk

Produkt	Description	No. of tests/amount	Art. No.
ELISA microtiter plates			
RIDASCREEN®FAST Milk AOAC-RI 101501	Sandwich ELISA to quantify milk proteins (casein and β -lactoglobulin) in food containing traces of milk components; the assay is calibrated to NIST SRM 1549a whole milk powder; the kit is suitable for automation; Detection limit: 0.7 mg/kg milk protein	48 determinations Incubation time: 30 min	R4652
RIDASCREEN®FAST Casein (2 nd generation)	Sandwich ELISA to quantify casein in food containing traces of milk or casein/caseinates; the kit is suitable for automation; Detection limit: 0.12 mg/kg casein in ice cream, chocolate, beverages and 0.71 mg/kg casein for all other samples (extraction with Extractor 2)	48 determinations Incubation time: 30 min	R4612
RIDASCREEN®FAST β -Lactoglobulin	Sandwich ELISA to quantify native and processed β -lactoglobulin in food containing traces of milk or whey; the kit is suitable for automation; Detection limit: 0.19 mg/kg β -lactoglobulin	48 determinations Incubation time: 30 min	R4902
RIDASCREEN® β -Lactoglobulin	Competitive ELISA to quantify native and processed β -lactoglobulin in hydrolyzed milk products (e.g. hypoallergenic baby food); Detection limit: 0.1 mg/kg β -lactoglobulin	96 determinations Incubation time: 2 hrs 45 min	R4901
ELISA – accessories			
RIDA® Extractor 2	The RIDA® Extractor 2 (R4613) is used for the sample preparation in <ul style="list-style-type: none"> • RIDASCREEN®FAST Milk (R4652) • RIDASCREEN®FAST Casein (R4612) • RIDASCREEN®FAST β-Lactoglobulin (R4902). 	30 ml concentrate, sufficient for 15 samples	R4613
Lateral flow test strips			
bioavid Lateral Flow Milch/Milk	Immunochromatographic tests for qualitative detection of milk; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 8 min	BL613-10 BL613-25
Reference material			
MoniQA Milk Reference Material – Blank	Gluten free cookie, milled, free from gluten, milk, egg, soy, peanut, tree-nuts, Negative Control and/or Matrix Material as basis for spiked samples Prepared and packaged by Trilogy Analytical Laboratories	1 x 5 g	MQA 082015
MoniQA Milk Reference Material – SMP	Dried skim milk powder, characterized, Positive Control and/or use for spiked samples Prepared and packaged by Trilogy Analytical Laboratories	1 x 5 g	MQA 092014
MoniQA Milk Reference Material – Low	Dried skim milk powder incurred in gluten free cookies, milled, concentration approx. 10 ppm Prepared and packaged by Trilogy Analytical Laboratories	1 x 5 g	MQA 102016
MoniQA Milk Reference Material – High	Dried skim milk powder incurred in gluten free cookies, milled, concentration approx. 50 ppm Prepared and packaged by Trilogy Analytical Laboratories	1 x 5 g	MQA 082016
Set of 4 MoniQA Milk Reference controls – Blank, SMP, High, Low	Set includes each pouch of MQA 082015, MQA 092014, MQA 092016, MQA 082016 Prepared and packaged by Trilogy Analytical Laboratories	4 x 5 g	MQA 122016



Allergens

Egg

Produkt	Description	No. of tests/amount	Art. No.
ELISA microtiter plates 			
RIDASCREEN® FAST Ei/Egg Protein	Sandwich ELISA to quantify traces of whole egg powder in food; the assay is calibrated to NIST SRM 8445 whole egg powder; no cross-reactivity to chicken meat (raw and cooked); the kit is suitable for automation; Detection limit: 0.1 mg/kg whole egg powder, 0.03 mg/kg egg white protein	48 determinations Incubation time: 30 min	R6402
RIDASCREEN®FAST Lysozym	Sandwich ELISA to quantify traces of lysozyme in wine, cheese and sausage; Detection limit: 0.006 mg/kg lysozyme in wine, 0.016 mg/kg lysozyme in cheese and sausages	48 determinations Incubation time: 30 min	R6452
Lateral flow test strips 			
bioavid Lateral Flow Ei/Egg	Immunochromatographic tests for qualitative detection of egg; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 8 min	BL608-10 BL608-25

Nuts

Almond 			
ELISA microtiter plates			
RIDASCREEN®FAST Mandel/Almond	Sandwich ELISA to quantify traces of almond in food; Detection limit: 1.2 mg/kg almond	48 determinations Incubation time: 30 min	R6901
Lateral flow test strips 			
bioavid Lateral Flow Almond	Immunochromatographic tests for qualitative detection of almond; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL601-10 BL601-25
Real-time PCR – qualitative DNA detection 			
SureFood® ALLERGEN ID Almond	Detection limit: ≤ 4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3104
Brazil nut 			
Lateral flow test strips			
bioavid Lateral Flow Brazil nut	Immunochromatographic tests for qualitative detection of brazil nut; Detection limit: 1 mg/kg depending on matrix	25 Test strips Incubation time: 10 min	BL602-25
Real-time PCR – qualitative DNA detection 			
SureFood® ALLERGEN ID Brazil nut	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3117
Cashew kernel 			
ELISA microtiter plates			
RIDASCREEN®FAST Cashew	Sandwich ELISA to quantify traces of cashew in food; Detection limit: 0.09 mg/kg cashew	48 determinations Incubation time: 30 min	R6872
Lateral flow test strips 			
bioavid Lateral Flow Cashew Kernel	Immunochromatographic tests for qualitative detection of cashew kernel; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL610-10 BL610-25
Real-time PCR – qualitative DNA detection 			
SureFood® ALLERGEN ID Cashew	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3115

* Includes additional 100 reactions of Inhibition Control Mix (ICM).

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Allergens

Nuts

Product	Description	No. of tests/amount	Art. No.
Coconut			
Lateral flow test strips			
bioavid Lateral Flow Coconut	Immunochromatographic tests for qualitative detection of coconut; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL600-10 BL600-25
Hazelnut			
ELISA microtiter plates			
RIDASCREEN®FAST Hazelnut DIN CEN/TS 15633-2 method	Sandwich ELISA to quantify traces of hazelnut in food; Detection limit: 1.5 mg/kg hazelnut	48 determinations Incubation time: 30 min	R6802
Lateral flow test strips			
bioavid Lateral Flow Hazelnut	Immunochromatographic tests for qualitative detection of hazelnut; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL604-10 BL604-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Hazelnut	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3102
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Hazelnut	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3202
Macadamia nut			
ELISA microtiter plates			
RIDASCREEN®FAST Macadamia	Sandwich ELISA to quantify traces of macadamia in food; Detection limit: 0.38 mg/kg macadamia	48 determinations Incubation time: 30 min	R6852
Lateral flow test strips			
bioavid Lateral Flow Macadamia nut	Immunochromatographic tests for qualitative detection of macadamia nut; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL605-10 BL605-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Macadamia nut	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3116
Pecan nut			
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Pecan	Detection limit: ≤ 4 mg/kg; depending on matrix	100 reactions*	S3118
Peanut			
ELISA microtiter plates			
RIDASCREEN®FAST Peanut AOAC-RI 030404	Sandwich ELISA to quantify traces of peanut in food; the assay is calibrated to NIST SRM 2387 peanut butter; Detection limit: 1.3 mg/kg peanut	48 determinations Incubation time: 30 min	R6202
Lateral flow test strips			
bioavid Lateral Flow Peanut	Immunochromatographic tests for qualitative detection of peanut; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL606-10 BL606-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Peanut	Detection limit: ≤ 1 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3103
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Peanut	Detection limit: ≤ 1 mg/kg Quantification limit: 4 mg/kg depending on matrix and DNA preparation	100 reactions**	S3203

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Allergens

Nuts

Product	Description	No. of tests/amount	Art. No.
Pistachio			
Lateral flow test strips			
bioavid Lateral Flow Pistachio	Immuno-chromatographic tests for qualitative detection of pistachio; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL611-10 BL611-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Pistachio	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3114
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Pistachio	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3214
Walnut			
Lateral flow test strips			
bioavid Lateral Flow Walnut	Immuno-chromatographic tests for qualitative detection of walnut and pecan nut; Detection limit: 10 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL607-10 BL607-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Walnut	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3107
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Walnut	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3207

Oil plants

ELISA microtiter plates			
RIDASCREEN®FAST Sesame	Sandwich ELISA to quantify traces of sesame in food; Detection limit: 0.2 mg/kg sesame	48 determinations Incubation time: 30 min	R7202
Lateral flow test strips			
bioavid Lateral Flow Sesam/Sesame	Immuno-chromatographic tests for qualitative detection of sesame Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL609-10 BL609-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Sesame	Detection limit: ≤ 0.4 mg/kg depending on matrix and DNA preparation	100 reactions*	S3108
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Sesame	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3208

* Includes additional 100 reactions of Inhibition Control Mix (ICM).

** SureFood® QUANTARD Allergen 40 must be used for quantification.



Allergens

Fish/Crustacean/Seafood

Product	Description	No. of tests/amount	Art. No.
ELISA microtiter plates			
RIDASCREEN®FAST Crustacean (2 nd generation)	Sandwich ELISA to quantify traces of crustacean in food; Detection limit: 2 mg/kg crustacean	48 determinations Incubation time: 30 min	R7312
Lateral flow test strips			
bioavid Lateral Flow Crustacean	Immunochromatographic tests for qualitative detection of crustacean; Detection limit: 10 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL616-10 BL616-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Crustaceans	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3112
SureFood® ALLERGEN ID Fish	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3110
SureFood® ALLERGEN ID Molluscs	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3113

Various

Celery			
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Celery	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3105
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Celery	Detection limit: ≤ 0.4 mg/kg Quantification limit: 1 mg/kg depending on matrix and DNA preparation	100 reactions**	S3205
Lupin			
ELISA microtiter plates			
RIDASCREEN®FAST Lupine	Sandwich ELISA to quantify traces of lupin in food Detection limit: 0.7 mg/kg lupin protein	48 determinations Incubation time: 30 min	R6102
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Lupin	Detection limit: ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions*	S3111
Real-time PCR – quantitative DNA detection			
SureFood® ALLERGEN QUANT Lupin	Detection limit: ≤ 0.4 mg/kg Quantification limit: 2.6 mg/kg depending on matrix and DNA preparation	100 reactions**	S3211
Mustard			
ELISA microtiter plates			
RIDASCREEN®FAST Senf/Mustard	Sandwich ELISA to quantify traces of mustard in food; the assay detects yellow, white, brown and black mustard Detection limit: 0.22 mg/kg mustard powder	48 determinations Incubation time: 30 min	R6152
Lateral flow test strips			
bioavid Lateral Flow Senf/Mustard	Immunochromatographic tests for qualitative detection of mustard; Detection limit: 1 mg/kg depending on matrix	10 Test strips 25 Test strips Incubation time: 10 min	BL603-10 BL603-25
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID Mustard	Detection limit: ≤ 0.4 mg/kg depending on matrix and DNA preparation	100 reactions*	S3109

* Includes additional 100 reactions of Inhibition Control Mix (ICM).

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Allergens

Real-time PCR – Multiplex

Product	Description	No. of tests/amount	Art. No.
Multiplex Screening			
Real-time PCR – qualitative DNA detection			
SureFood® ALLERGEN ID 4plex Peanut/Hazelnut/Walnut + IAC	Detection limit: ≤ 1 mg/kg; depending on matrix and DNA preparation	100 reactions	S3402
SureFood® ALLERGEN ID 4plex Soya/Celery/Mustard + IAC	Detection limit ≤ 0.4 mg/kg; depending on matrix and DNA preparation	100 reactions	S3401

Accessories

Real-time PCR		DNA preparation	
SureFood® PREP Advanced	For highly processed matrices (food and feed)	50 preparations	S1053
Laboratory reference material for quantification			
SureFood® QUANTARD Allergen 40	Corn flour contains 12 potential allergens in food except sulphite and lactose with concentration of 40 mg/kg. The material has been developed for PCR quantification of allergens in food	2 grams	S3301
Lateral Flow		Tests strips	
bioavid Wischtest Kit/Swabbing Kit	Swabbing kit with wood swabs for sampling of allergen residues on surface (e.g. production lines) for bioavid lateral flow kits	25 swabs, vials, pipettes, 10 ml buffer concentrate	BS800-25
bioavid Wischtest Kit/Swabbing Kit (Plastic)	Swabbing kit with single packed plastic swabs for sampling of allergen residues on surface (e.g. production lines) for bioavid Test strips	26 swabs in two single packaged plastic bags, vials, pipettes, 10 ml buffer concentrate	BS801-25
bioavid Absorptionspuffer/Absorbent Buffer	Buffer for preparation of polyphenol containing and strongly colored samples (e.g. coffee, red wine) for bioavid lateral flow kits	25 vials (9 ml buffer each)	BS810-25
bioavid Probenpuffer/Sample Buffer	The buffer is particularly suitable for preparation of difficult samples (e.g. ketchup, mayonnaise, flour) for bioavid Test strips	100 ml	BS815-100
Service by bioavid			
Laboratory service	Service for the validation of difficult food matrices	Approx. 1 week processing time	on request



Equipment/Software/Accessories

Product	Description	No. of Tests/Amount	Art. No.
Equipment			
Photometer			
ChroMate® 4300	Microtiter plate reader; suitable only for 450nm wavelength with reference wavelength at 630nm	1	ZCR4300
BioTek® ELx800™	Microtiter plate photometer	1	ZELX800
Automates			
GEMINI	2-Microtiter plate analyzer	1	ZGEMINI
ChemWell®2910	1-Microtiter plate analyser	1	ZCW2910
Pipettes			
R-Biopharm FP 50	Pipette 50 µl	1 unit	Z0006
R-Biopharm FP 100	Pipette 100 µl	1 unit	Z0007
R-Biopharm FP 1000	Pipette 1000 µl	1 unit	Z0008
R-Biopharm FP 150	Pipette 150 µl	1 unit	Z0009
Software			
RIDASOFT® Win.NET	Software for measurement, evaluation and documentation of RIDASCREEN® ELISAs (64 bit)	1 unit	Z9996
Accessories			
RIDA®QUICK Soya			
RIDA®QUICK Soya accessory pack	Accessories for the use of the RIDA®QUICK Soya	1 Set	Z7103
RIDASCREEN® Histamine (enzymatic)			
RIDA® Sample Decolorant	Accessories for the sample extraction of wine for histamine analysis	1 Set	R1699
SureFast®			
SureCycle	For validation of thermocycler	4 tests	S4001
SureCC Color Compensation Kit I	Color Compensation for multiplex application of SureFood® kits on LC480	for 3 calibration runs	S4009
SureCC Color Compensation Kit II	Color Compensation for multiplex application of SureFood® kits on LC2.0 and 1.5	for 3 calibration runs	S4010
SureInhibition Control	Test for inhibiting substances	100 reactions	S4050

Allergens – R-Biopharm’s test kit portfolio

Parameters	Lateral flow	ELISA	real-time PCR	Enzymatic
Almond	●	●	●	
Brazil nut	●		●	
Cashew kernel	●	●	●	
Casein		●		
Celery			● ●	
Coconut	●			
Crustacean	●	●	●	
Egg	●	●		
Fish			●	
Gliadin/gluten	●	●	●	
Gliadin/gluten fragments		●		
Glutamic acid				●
Hazelnut	●	●	● ●	
Histamine		●		●
β-Lactoglobulin		●		
β-Lactoglobulin fragments		●		
Lactose				●
Lupine		●	●	
Lysozyme		●		
Macadamia nut	●	●	●	
Milk	●	●		
Molluscs			●	
Mustard	●	●	● ●	
Peanut	●	●	● ●	
Pecan			●	
Pistachio	●		●	
Sesame	●	●	●	
Soya	●	●	● ●	
Sulfite				●
Walnut	●		● ●	

Multiplex tests:

- SureFood® ALLERGEN ID 4plex Soya/Celery/Mustard + IAC (Art. No. S3401)
- SureFood® ALLERGEN ID 4plex Peanut/Hazelnut/Walnut + IAC (Art. No. S3402)