



SureFood® / SureFast® real-time PCR kits

Product Overview – 02/2016

- Allergens
- GMO
- Animal Species
- Microbiology
- PREP Basic/Advanced



SureFood® ALLERGEN

SureFood® PREP

Advanced	S1053
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SureFood® ALLERGEN – Qualitative real-time PCR

Gluten	S3106
Soya	S3101
Almond	S3104
Brazil nut	S3117
Cashew	S3115
Hazelnut	S3102
Macadamia	S3116
Peanut	S3103
Pecan	S3118
Pistachio	S3114
Walnut	S3107
Crustaceans	S3112
Fish	S3110
Molluscs	S3113
Celery	S3105
Lupin	S3111
Mustard	S3109
Sesame	S3108

SureFood® ALLERGEN – Qualitative real-time PCR

4plex Soya/Celery/Mustard + IAC	S3401
4plex Peanut/Hazelnut/Walnut + IAC	S3402

SureFood® ALLERGEN QUANT – Quantitative real-time PCR

Gluten	S3206
Soya	S3201
Hazelnut	S3202
Peanut	S3203
Pistachio	S3214
Walnut	S3207
Celery	S3205
Lupin	S3211
Sesame	S3208

Laboratory reference material for quantitative real-time PCR

SureFood® QUANTARD Allergen 40	S3301
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SureFood® GMO

SureFood® PREP

Basic	S1052
Advanced	S1053

SureFood® GMO

Plant PLUS	S2049
Plant	S2056
Plant 4plex Corn/Soya/Canola/Cotton	S2156
Plant 4plex Corn/Soya/Canola + IAC	S2158

SureFood® GMO SCREEN – Qualitative real-time PCR

35S + NOS + FMV	S2026
4plex 35S/NOS/FMV + IAC	S2126
4plex BAR/NPTII/PAT/CTP2:CP4 EPSPS	S2127
CaMV	S2027
P35S:BAR Rice	S2022

SureFood® GMO ID – Qualitative real-time PCR

MS8 Canola	S2062
MIR162 Corn	S2035
MON863 Corn	S2037
Bt63 Rice	S2024
Roundup Ready Soya	S2030
RR2Y Soya	S2034
A2704-12 Soya	S2057
DP305423 Soya	S2065 New
CV127 Soya	S2066 New
MON87769 Soya	S2067 New
MON87701 Soya	S2068 New
MON87708 Soya	S2069 New

SureFood® GMO QUANT – Quantitative real-time PCR

GT73 Canola	S2061
Bt176 Corn	S2015
Bt11 Corn	S2016
T25 Corn	S2017
MON810 Corn	S2019
35S Corn	S2020
NK603 Corn	S2050
MON863 Corn	S2051
MIR162 Corn	S2135
GA21 Corn	S2054
Roundup Ready Soya	S2014
35S Soya	S2028
RR2Y Soya	S2029

SureFood® ANIMAL

SureFood® PREP

Basic	S1052
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SureFood® ANIMAL ID – Qualitative real-time PCR

Beef IAAC	S6113
Horse IAAC	S6118
Horse & Donkey IAAC	S6119
Pork SENS PLUS	S6017
Pork IAAC	S6114
Waterbuffalo IAAC	S6117
Chicken IAAC	S6115
Turkey IAAC	S6116
Cat & Dog IAAC	S6112
Rabbit IAAC	S6120
4plex Beef/Sheep/Goat + IAAC	S6121

IAAC = Internal Amplification and Animal Control.
The IAAC kits require a 2-channel qPCR thermocycler (FAM and VIC/HEX).
Exception S6119: A 3-channel system is necessary.
Validated on Bio-Rad CFX96, Qiagen Rotor-Gene Q, Roche LC480 and Stratagene/Agilent Mx3005P

SureFood® ANIMAL QUANT – Quantitative real-time PCR

Beef	S1010
Equus	S1016
Pork	S1011
Chicken	S1014

SureFood® FISH ID – Qualitative real-time PCR

Halibut IAAC 3plex	S6201
Oncorhynchus tshawytscha IAAC	S6301
Oncorhynchus mykiss IAAC	S6302
Oncorhynchus gorbuscha IAAC	S6303
Oncorhynchus nerka IAAC	S6304
Salmo trutta IAAC	S6305
Salmo salar IAAC	S6306
Melanogrammus aeglefinus IAAC	S6307 New
Gadus macrocephalus IAAC	S6308
Pollachius virens IAAC	S6309
Gadus morhua IAAC	S6310
Merluccius merluccius IAAC	S6311
Merlangius merlangus IAAC	S6312
Gadus chalcogrammus IAAC	S6313

FISH ID kits contain 50 reactions

SureFast® Microbiology

SureFast® – Qualitative real-time PCR

Bacillus cereus group PLUS	F5126
Campylobacter PLUS (C. jejuni, C. lari, C. coli)	F5112
Clostridium botulinum Screening PLUS	F5110
Clostridium estertheticum PLUS	F5160
Clostridium perfringens PLUS	F5123
Cronobacter PLUS	F5114
Escherichia coli PLUS	F5157
Escherichia coli eae gene PLUS	F5104
EHEC/EPEC 4plex (stx1, stx 2, ipaH, E.coli/Shigella)	F5128
Histomonas meleagridis	F5158
Histomonas meleagridis ONE	F5213
Listeria Screening PLUS	F5117
Listeria monocytogenes PLUS	F5113
Legionella pneumophila PLUS	F5501
Legionella Screen PLUS	F5502
Legionella 3plex	F5505 New
Pseudomonas aeruginosa PLUS	F5503
Salmonella ONE	F5211
Staphylococcus aureus PLUS	F5116
STEC Screening PLUS	F5105
Vibrio Screening PLUS	F5118
Vibrio cholerae PLUS	F5119
Vibrio parahaemolyticus PLUS	F5120
Vibrio vulnificus PLUS	F5121
Yersinia enterocolitica	F5124

SureFast® PREP

Bacteria	F1021
Aqua	F1023
DNA / RNA Virus	F1051
Speed Prep	F1054

SureFast®

Real-time Reverse Transcriptase PCR (qualitative)

Norovirus PLUS	F7001
Norovirus I & II 3plex	F7140
Norovirus/Hepatitis A 3plex	F7124
Hepatitis A PLUS	F7125
Influenza H5/H7 3plex	F7132
Influenza A/H9 3plex	F7133
Influenza H5/H7/H9 4plex	F7139 New

SureFast® PREP

Salmonella*	S1007
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SureFast® PATHOGEN – Qualitative real-time PCR

Salmonella PLUS*	S5111
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* SureFood® Salmonella tests are AOAC-RI (041103) certified





Benefits

SureFood® kits are distributed worldwide by R-Biopharm AG. The test systems are produced by CONGEN Biotechnologie GmbH located in Berlin, Germany.

The SureFood®/SureFast® product range integrates effective sample preparation with high quality real-time PCR kits.

SureFood®/SureFast® PREP nucleic acid extraction kits are characterized by:

- easy to use spin filter system
- matrix optimized methods
- effective extraction from highly processed food samples
- only standard laboratory equipment required

SureFood®/SureFast® real-time PCR kits are developed based on long year experience of food analysis on DNA/RNA basis.

They cover all relevant applications in fields of allergen, GMO and pathogen detection as well as animal speciation with following main specifications:

- high sensitivity and specificity
- high reliability
- robustness
- direct application support by producer

The SureFood®/SureFast® kits are available for common real-time PCR devices. For kits with internal amplification control this is realized by the PLUS system suitable for common qPCR cyclers:

PLUS 563 - 640 nm

- PLUS kits require a 2-channel device
- 3plex kits require a 3-channel device
- 4plex kits require a 4-channel device

The SureFast® ONE kits contains the relevant lysis buffer for fast DNA preparation. An additional DNA preparation kit is not needed.

Accessories

Product	Description	No. of Tests / Amount	Code No.
Accessories			
SureCC Color Compensation Kit I	Color Compensation for multiplex application of SureFood® kits on LC480	for 3 calibration runs	F4009
SureCC Color Compensation Kit II	Color Compensation for multiplex application of SureFood® kits on LC2.0	for 3 calibration runs	F4010

Color compensation kits are mandatory for LightCycler® 2.0 and LC480.