

Real-time PCR Kits

SureFood® & SureFast® Produktübersicht – 01/2025



SureFood® ALLERGEN/Plant



SureFood® GMO



SureFood® Animal ID



SureFast® Mikrobiologie

Mehr Informationen:



<https://r-bio.drtpcr>

SureFood® & SureFast® Produktübersicht



SureFood® ALLERGEN/Plant

| | |
|---|-------|
| DNA-Präparation | |
| SureFast® Mag PREP Food | F1060 |
| SureFood® PREP Advanced | S1053 |
| Nachweiskit zur Extraktionskontrolle | |
| SureFast® Animal+Plant Control 3plex | F4053 |
| SureFood® ALLERGEN – qualitative und/oder quantitative real-time PCR | |
| Celery | S3605 |
| Gluten | S3606 |
| Soya | S3601 |
| Nüsse und Nussartige | |
| Almond | S3604 |
| Beechnut* | S3628 |
| Brazil nut | S3617 |
| Cashew | S3615 |
| Coconut* | S3621 |
| Hazelnut | S3602 |
| Macadamia | S3616 |
| Peanut | S3603 |
| Pecan | S3618 |
| Pine* | S3624 |
| Pistachio | S3614 |
| Shea nut* | S3622 |
| Walnut | S3607 |
| Fisch/Crustacean/Muscheln/Insekten | |
| Crustaceans | S3612 |
| Fish | S3610 |
| Molluscs | S3613 |
| Insects* | S3626 |
| Ölpflanzen | |
| Lupin | S3611 |
| Mustard | S3609 |
| Sesame | S3608 |
| SureFood® ALLERGEN – qualitative real-time PCR | |
| 4plex Soya/Celery/Mustard + IAC | S3401 |
| 4plex Peanut/Hazelnut/Walnut + IAC | S3402 |
| 4plex Macadamia/Brazil nut/Pecan + IAC | S3403 |
| 4plex Almond/Pistachio/Cashew + IAC | S3406 |
| 4plex Cereals (Weizen/Gerste/Roggen) | S7006 |
| 4plex LEGUMES | S7008 |
| 4plex EU NUTS | S3404 |
| 4plex SEAFOOD (Fisch/Krustentiere/Mollusken) | S3405 |
| Oat | S7004 |
| Buckwheat | S3620 |
| SureFood® – qualitative real-time PCR | |
| Apricot | S7007 |
| Vergleichsmaterial für die Quantifizierung | |
| SureFood® QUANTARD Allergen 40 | S3301 |
| SureFood® QUANTARD Allergen 1 ppm | S3305 |

* Nur qualitativ



SureFood® GMO

| | |
|--|-------|
| DNA-Präparation | |
| SureFast® Mag PREP Food | F1060 |
| SureFood® PREP Basic | S1052 |
| SureFood® PREP Advanced | S1053 |
| SureFood® PREP Add-On (Verwendung von 2 g Probe; Zusatz zu SureFood® PREP Basic) | S1055 |
| Nachweiskit zur Extraktionskontrolle | |
| SureFast® Animal+Plant Control 3plex | F4053 |
| SureFood® GMO | |
| Plant PLUS | S2049 |
| Plant 4plex Corn/Soya/Canola/Cotton | S2156 |
| Plant 4plex Corn/Soya/Canola + IAC | S2158 |
| SureFood® GMO SCREEN – qualitative real-time PCR | |
| 4plex 35S/NOS/FMV + IAC | S2126 |
| 4plex BAR/NPTII/PAT/CTP2:CP4 EPSPS | S2127 |
| CaMV | S2027 |
| P35S:BAR Rice | S2022 |
| 4plex BAR/PAT/CryIAb/CTP2:CP4 EPSPS | S2128 |
| SureFood® GMO ID – qualitative real-time PCR | |
| Bt63 Rice | S2024 |
| DAS-40278-9 Corn | S2140 |
| 4plex Corn I ¹ | S2170 |
| 4plex Soya I ² | S2161 |
| 4plex Soya II ³ | S2162 |
| 4plex Soya III ⁴ | S2164 |
| 4plex Soya IV ⁵ | S2165 |
| 4plex Canola I ⁶ | S2166 |
| 4plex Canola II ⁷ | S2167 |
| SureFood® GMO QUANT – quantitative real-time PCR | |
| Bt176 Corn | S2015 |
| Bt11 Corn | S2016 |
| MIR162 Corn | S2135 |
| MON810 Corn | S2019 |
| MON863 Corn | S2051 |
| T25 Corn | S2017 |
| 35S Corn | S2020 |
| Roundup Ready Soya | S2014 |
| RR2Y Soya | S2029 |
| 35S Soya | S2028 |
| GT73 Canola | S2061 |
| Vergleichsmaterial | |
| SureFood® GMO Plant Reference Sample (0,1 % soya, corn, canola, rice) | S2150 |

¹ MON810/TC1507/NK603/MON89034

² MON87708+CV127/DP305423/MON87701/MON87769

³ RR-Soya/RR-2Yield Soya/A2704-12/A5547-127

⁴ FG72, DAS68416, GMB151, DAS44406

⁵ MON87705, DAS81419, MON87751, SYHT0H2

⁶ MS8/6GT73/T45 Canola

⁷ MON88302/DPO734906/RF3 Canola



SureFood® Animal

| DNA-Präparation | |
|---|-------|
| SureFast® Mag PREP Food | F1060 |
| SureFood® PREP Basic | S1052 |
| Nachweiskit zur Extraktionskontrolle | |
| SureFast® Animal+Plant Control 3plex | F4053 |
| SureFast® VEGAN | F4055 |
| SureFood® ANIMAL ID – qualitative real-time PCR | |
| 4plex Beef/Sheep/Goat + IAAC | S6121 |
| 4plex Pork/Chicken/Turkey + IAAC | S6123 |
| 4plex Beef/Horse/Pork + IAAC | S6126 |
| 4plex Camel/Horse/Donkey + IAAC | S6131 |
| Water Buffalo/Beef + IAAC | S6130 |
| Beef IAAC | S6113 |
| Cat & Dog IAAC | S6112 |
| Chicken IAAC | S6115 |
| Horse IAAC | S6118 |
| Horse & Donkey IAAC | S6119 |
| Pork SENS PLUS | S6017 |
| Pork IAAC | S6114 |
| Turkey IAAC | S6116 |
| SureFood® ANIMAL QUANT – quantitative real-time PCR | |
| Beef | S1010 |
| Chicken | S1014 |
| Pork | S1011 |
| Turkey | S1015 |



SureFast® Mikrobiologie

| DNA-Präparation | |
|---|-------|
| SureFast® PREP Aqua | F1023 |
| SureFast® PREP Bacteria | F1021 |
| SureFast® PREP DNA / RNA Virus | F1051 |
| SureFast® Speed PREP | F1054 |
| SureFast® Mag PREP Food | F1060 |
| SureFast® Mag PREP Pathogens | F1062 |
| SureFast® – qualitative real-time PCR | |
| Bacillus cereus group PLUS | F5126 |
| Emetic Bacillus cereus PLUS | F5127 |
| Campylobacter 4plex (<i>C. jejuni</i> , <i>C. lari</i> , <i>C. coli</i>) | F5170 |
| Clostridium botulinum Screening PLUS | F5110 |
| Clostridium estertheticum PLUS | F5160 |
| Clostridium perfringens PLUS | F5123 |
| Cronobacter PLUS | F5114 |
| Cronobacter sakazakii PLUS | F5115 |
| Escherichia coli PLUS | F5157 |
| Escherichia coli Serotype I (O26, O103, O121) | F5167 |
| Escherichia coli Serotype II (O45, O111, O145) | F5168 |
| EHEC/EPEC 4plex (<i>stx 1</i> , <i>stx 2</i> , <i>ipaH</i> , <i>E.coli/Shigella</i>) | F5128 |
| Foodborne Pathogens 4plex * | F5175 |
| Listeria 3plex ONE | F5217 |
| Listeria Screening PLUS | F5117 |
| Listeria monocytogenes PLUS | F5113 |
| MRSA | F7117 |
| Salmonella PLUS AOAC-RI 041103 | F5111 |
| Salmonella ONE MicroVal 2014LR43; AOAC-RI 081803 | F5211 |
| Salmonella Species/Enteritidis/Typhimurium 4plex | F5166 |
| Staphylococcus aureus PLUS | F5116 |
| STEC Screening PLUS | F5105 |
| STEC 4plex ONE (<i>stx1</i> , <i>stx2</i> , <i>eae</i>) | F5265 |
| Enterobacteriaceae 4plex (<i>Enterobacteriaceae</i> , <i>Salmonella</i> und <i>Cronobacter</i> + IAC) | F5180 |
| Vibrio 4 plex (<i>V. cholerae</i> , <i>V. parahaemolyticus</i> , <i>V. vulnificus</i> + IAC) | F5161 |
| Yersinia 3plex (<i>Y. pseudotuberculosis</i> und <i>Y. enterocolitica</i>) | F5132 |
| SureFast® real-time Reverse Transcriptase PCR (qualitativ) | |
| Hepatitis A PLUS | F7125 |
| Hepatitis E PLUS | F7142 |
| Norovirus/Hepatitis A 3plex | F7124 |
| SARS-CoV-2 PLUS | F7110 |
| SureFast® Wasseranalytik | |
| Enterobacteriaceae Screening PLUS | F5507 |
| Legionella 3plex | F5505 |
| Legionella pneumophila PLUS | F5501 |
| Legionella Screen PLUS | F5502 |
| Parasitic Water Panel 4plex | F5506 |
| Pseudomonas aeruginosa PLUS | F5503 |
| Fecal Screen 4plex (<i>E. coli</i> , <i>Enterococci</i> , <i>Enterobacteriaceae</i> + IAC) | F5504 |



* *stx1/stx2*; *L. monocytogenes*; *Salmonella* spp.

Real-time PCR Kits

DNA-Präparation

| Nukleinsäure Präparation ohne Aufreinigung | | Nukleinsäure Präparation mit Aufreinigung | |
|---|---|---|--|
| Manuelle Präparation | | Halbautomatisiert | |
| SureFast® ONE system | Speed Prep system | SureFood® PREP SureFast® PREP | SureFast®Mag PREP |
| Kurzer Inkubationsschritt - Lysat kann direkt für qPCR verwendet werden | | Spin-Filter-Prinzip | Magnetkügelchen Prinzip |
| Lysepuffer im qPCR Kit enthalten | Extraktionskit bestehend aus Lysepuffer | | |
| Schnelle & einfache DNA Präparation aus angereicherteren Proben | | Matrix optimierte Methode für hochprozessierte Futter- und Lebensmittelproben | Benutzerfreundliche & flexible 'walk away' Anwendung |

Real-time PCR Thermocycler

Die SureFood®/SureFast®-Kits sind für alle gängigen real-time PCR Geräte geeignet:

- PLUS Kits erfordern ein 2-Kanal-Gerät (FAM/HEX)
- 3plex Kits erfordern ein 3-Kanal-Gerät (FAM/HEX/Cy5)
- 4plex Kits erfordern ein 4-Kanal-Gerät (FAM/HEX/ROX/Cy5)

Zubehör

| Produkt | Beschreibung | Packungsgröße | Art. Nr. |
|--------------------------------|---|----------------|----------|
| Zubehör | | | |
| SureTaq Hotstart Polymerase | Taq-Polymerase für 0,1 µL/Reaktion | 100 Reaktionen | F4005 |
| SureTaq Hotstart Polymerase II | Taq-Polymerase für 0,7 µL/Reaktion | 100 Reaktionen | F4003 |
| SureCycle® | Überprüfung der korrekten Temperatursteuerung von Thermocyclern | 260 Reaktionen | F4001 |
| TANBead Maelstrom™ 4800 | Automatisiertes Nukleinsäure-Extraktionssystem für bis zu 48 Proben | 1 | ZMAL48 |
| RIDA®CYCLER | qPCR-Thermocycler. 4 Kanäle, inkl. 1 Box mit Reaktionsröhrchen | 1 | ZRCYCLER |

Vorteile



Benutzerfreundlich: Standardisierte Probenvorbereitung, qPCR-Set-up und Thermoprofile



Zeitsparend: Halbautomatisierte DNA Extraktion und Multiplex Kits



Alles aus einer Hand: Kits, Geräte, Support