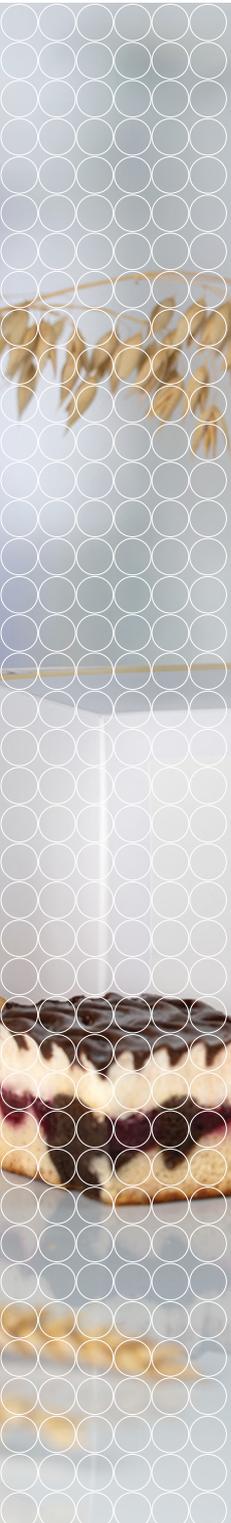


Product Catalogue 2026

Food Adulteration



Identification of animal species/ risk material/BSE



Real-time PCR and ELISA deliver robust, reliable results even from processed food and feed samples

Due to the increasing complexity of meat supply chains, and prevalent product falsifications, species identification testing has become a cornerstone of food quality assurance and fraud prevention. Real-time PCR and ELISA deliver robust, reliable results even from processed food and feed samples.

Animal species detection

- **Product falsification**
Product falsification with cheaper undeclared meat might be identified qualitatively using the SureFood® ANIMAL ID and ELISA-TEK™ and quantitatively using the SureFood® ANIMAL QUANT kits.
- **Species detection**
In some cases, especially for religious aspects such as kosher or halal with a zero tolerance strategy, highly sensitive qualitative detection is required.

The SureFood® ANIMAL ID Pork SENS PLUS kit enables an extremely sensitive detection. Additionally, the product line with Internal Amplification and Animal Control (IAAC) has higher sensitivity and includes an amplification and extraction control.

- **Feed**
Since 2001 it was forbidden to feed meat-and-bone meal to farm animals. Despite loosening, the inter species ban will remain in place. Thus, for example, bone meal from ruminant species may not be fed to ruminant species. Feed must continue to be checked for animal species.
- **Vegetarian**
Due to the rapidly growing market for vegetarian/vegan foods, analytical evidence of the absence of animal products is increasingly required.

SureFood® PREP Basic

- Efficient, streamlined DNA sample preparation from food and feed matrices
- Highly purified DNA



SureFood® ANIMAL ID

- Identification and quantification
- Multiplex assays
- Internal amplification and animal control as extraction control



ELISA-TEK™

Quantitative method for the identification of animal species

- RAW MEAT Kits
- COOKED MEAT Kits
- MEAT and BONE MEAL Kits

Qualitative method for the identification of animal species

- EZ Pork and EZ Pork Raw
- EZ PANGASIUS™





Animal species identification/risk material/BSE

Real-time PCR – qualitative DNA detection

Product	Description	No. of tests/amount	Art. No.
DNA preparation			
SureFast® Mag PREP Food	For DNA extraction of animal and plant DNA from food and feed. For the use in combination with the TANBead Maelstrom™ 8 Autostage (Art. No. ZMAL8) or Maelstrom™ 4800 (Art. No. ZMAL48)	96 preparations	F1060
SureFood® PREP Basic	DNA preparation of food and feed	100 preparations	S1052
SureFast® Animal+Plant Control 3plex	Extraction control for plant or animal matrix including internal control DNA (ICD) Detection limit: ≤ 500 DNA copies	100 reactions	F4053
SureFast® VEGAN	Sensitive detection of animal (vertebrates) or plant matrix including a positive control of 0.1% bovine DNA Detection limit: 0.01 % depending on matrix and DNA preparation	100 reactions	F4055
Multiplex screening			
Qualitative real-time PCR			
SureFood® ANIMAL ID 4plex Beef/Sheep/Goat + IAAC*	Detection limit: 0.01 % depending on matrix and DNA preparation	100 reactions	S6121
SureFood® ANIMAL ID 4plex Pork/Chicken/Turkey + IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6123
SureFood® ANIMAL ID 4plex Beef/Horse/Pork + IAAC*	Detection limit: pork 0.5 %, beef, horse 0.1 % depending on matrix and DNA preparation	100 reactions	S6126
SureFood® ANIMAL ID 3plex Water Buffalo/Beef + IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6130
SureFood® ANIMAL ID 4plex Camel/Horse/Donkey + IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6131
SureFood® ANIMAL ID 3plex Horse/Donkey + IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6119
SureFood® ANIMAL ID 3plex Cat/Dog + IAAC*	Detection limit: 0.5 % depending on matrix and DNA preparation	100 reactions	S6112
Farm animals			
Qualitative real-time PCR			
SureFood® ANIMAL ID Beef IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6113
SureFood® ANIMAL ID Horse IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6118
SureFood® ANIMAL ID Pork SENS PLUS	Detection limit: ≤ 0.0001 % depending on matrix and DNA preparation	100 reactions	S6017
SureFood® ANIMAL ID Pork IAAC*	Detection limit: 0.5 % depending on matrix and DNA preparation	100 reactions	S6114
Poultry			
Qualitative real-time PCR			
SureFood® ANIMAL ID Chicken IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6115
SureFood® ANIMAL ID Turkey IAAC*	Detection limit: 0.1 % depending on matrix and DNA preparation	100 reactions	S6116

* IAAC = Internal Amplification and Animal Control.





Animal species identification/risk material/BSE

Real-time PCR – quantitative DNA detection

Product	Description	No. of tests/amount	Art. No.
Farm animals			
Quantitative real-time PCR			
SureFood® ANIMAL QUANT Beef	Detection limit: ≤ 5 DNA copies; limit of quantification: 0.04 % depending on matrix and DNA preparation	2 x 50 reactions**	S1010
SureFood® ANIMAL QUANT Pork	Detection limit: ≤ 5 DNA copies; limit of quantification: 0.04 % depending on matrix and DNA preparation	2 x 50 reactions**	S1011
Poultry			
Quantitative real-time PCR			
SureFood® ANIMAL QUANT Chicken	Detection limit: ≤ 5 DNA copies; limit of quantification: 0.1 % depending on matrix and DNA preparation	2 x 50 reactions**	S1014



** 1 x 50 reactions for the detection of the reference gene.



Animal species identification/risk material/BSE

ELISA-based species identification in food and feed

Product	Description	No. of tests/amount	Art. No.
Raw meat species kits			
ELISA microtiter plates			
ELISA-TEK™ Raw Mixed Species Kit	Assay for the positive identification of species content (customized) in raw samples	96 determinations Incubation time: 50 min	510501
ELISA-TEK™ Raw 3 Species Kit	Assay for the positive identification of species content (cow, pig, poultry) in raw samples	32 determinations per species Incubation time: 50 min	510503
ELISA-TEK™ Raw 4 Species Kit	Assay for the positive identification of species content (cow, pig, poultry sheep) in raw samples	24 determinations per species Incubation time: 50 min	510504
ELISA-TEK™ Raw Beef Kit	Assay for the positive identification of species content (beef) in raw samples	96 determinations Incubation time: 50 min	510511
ELISA-TEK™ Raw Pork Kit	Assay for the positive identification of species content (pork) in raw samples	96 determinations Incubation time: 50 min	510521
ELISA-TEK™ Raw Poultry Kit	Assay for the positive identification of species content (poultry) in raw samples	96 determinations Incubation time: 50 min	510531
ELISA-TEK™ Raw Sheep Kit	Assay for the positive identification of species content (sheep) in raw samples	96 determinations Incubation time: 50 min	510541
ELISA-TEK™ Raw Horse Kit	Assay for the positive identification of species content (horse) in raw samples	96 determinations Incubation time: 50 min	510551
Cooked meat species kits			
ELISA microtiter plates			
ELISA-TEK™ Cooked Meat Mixed Species Kit	Assay for the positive identification of species content (customized) in cooked samples	96 determinations Incubation time: 3 h	510601
ELISA-TEK™ Cooked Meat 3 Species Kit	Assay for the positive identification of species content (beef, pork, poultry) in cooked samples	32 determinations per species Incubation time: 3 h	510603
ELISA-TEK™ Cooked Meat 4 Species Kit	Assay for the positive identification of species content (beef, pork, poultry, sheep) in cooked samples	24 determinations per species Incubation time: 3 h	510604
ELISA-TEK™ Cooked Meat Beef Kit	Assay for the positive identification of species content (beef) in cooked samples	96 determinations Incubation time: 3 h	510611
ELISA-TEK™ Cooked Meat Pork Kit	Assay for the positive identification of species content (pork) in cooked samples	96 determinations Incubation time: 3 h	510621
ELISA-TEK™ Cooked Meat Poultry Kit	Assay for the positive identification of species content (poultry) in cooked samples	96 determinations Incubation time: 3 h	510631
ELISA-TEK™ Cooked Meat Sheep Kit	Assay for the positive identification of species content (sheep) in cooked samples	96 determinations Incubation time: 3 h	510641
ELISA-TEK™ Cooked Meat Horse Kit	Assay for the positive identification of species content (horse) in cooked samples	96 determinations Incubation time: 3 h	510651
Meat and bone meal kits			
ELISA microtiter plates			
MELISA-TEK™ Meat Species Ruminant Kit	Assay for the positive identification of species content (ruminant) in meat and bone meals, animals feeds, and cooked and uncooked foods	96 determinations Incubation time: 1 h 20 min	510311
MELISA-TEK™ Meat Species Pork Kit	Assay for the positive identification of species content (porcine) in meat and bone meals, animals feeds, and cooked and uncooked foods	96 determinations Incubation time: 1 h 20 min	510321
MELISA-TEK™ High Sensitivity Extraction Kit	This kit provides a protocol and all materials to improve the sensitivity of the MELISA-TEK™ RUMINANT assay		510391





Animal species identification/risk material/BSE

LFD-based species identification in food and feed

Product	Description	No. of tests/amount	Art. No.
Pangasius			
Test strips			
EZ PANGASIUS™ Pangasius Rapid Kit	Assay for the positive identification of species content (pangasius) in a sample	10 test strips	510EZP
Pork			
Test strips			
ELISA-TEK™ EZ Pork	Assay for the positive identification of species content (cooked & processed pork) in a sample	10 test strips	530EZPK
ELISA-TEK™ EZ Pork raw	Assay for the positive identification of species content (raw pork) in a sample	10 test strips	540EZPKR



Risk material

ELISA microtiter plates			
RIDASCREEN® Risk Material	Enzyme immunoassay for quantitative analysis of risk material (CNS) in processed meat and meat products Detection limit: < 0.2 % for CNS tissue	96 determinations Incubation time: 1 h	R6701
RIDASCREEN® Risk Material 10/5	Enzyme immunoassay for qualitative analysis of risk material (CNS) in raw meat, meat products and on contaminated surfaces Detection limit: < 0.1 % for CNS tissue	96 determinations Incubation time: 15 min	R6703



BSE

BSE/antibody			
RIDA®mAb L42	Monoclonal antibody for the detection of prion-protein with immunohistochemistry (IHC) and immunoblot	23 µg	R8005
RIDA®mAb P4	Monoclonal antibody for the detection of prion-protein with immunohistochemistry (IHC) and immunoblot	1 mg	R8007



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